

Spring & Summer Flyer 1952

24
Farm Stores
Serving
The Most Progressive
Farm Communities

TRACTOR SUPPLY CO.

**GRAND
OPENING**

**MAY
22nd
&
23rd
Thursday
Friday**

MANKATO

**127
N. Front St.**

On U.S. 169, 1 Block North of U.S. 14

Free!

\$1000.00 FREE Merchandise

GRAND PRIZE \$100.00 Merchandise Certificate! Over 35 Merchandise Prizes with values up to \$50.00! All to be given away at our Big Drawing.

FREE Drawing Tickets will be issued on these 2 BIG DAYS. Nothing to buy—No obligation of any kind. Drawing at 3:00 P.M. Friday, May 23rd.

FREE Oil Filter Cartridge for every tractor owner attending. FREE Refreshments & Souvenirs. Bring your family and friends.

COMBINE PARTS

- "V" Belts
- Canvas
- Chain

MOWER PARTS

- Guards
- Sections
- Knives

**HYDRAULIC
EQUIPT.**

- Loaders
- Cylinders
- Pumps

WAGON EQUIPT.

- Running Gears
- Wagon Boxes
- Hitches

SPRAYING EQUIPT.

- Complete Sprayers
- Spray Kits
- Spray Accessories

TRACTOR PARTS

See Index on Page 46

**largest independent distributor
of quality farm equipment**

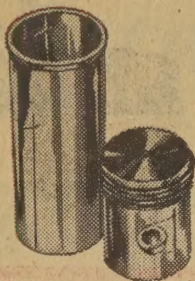
You Save When You Buy From

**TRACTOR
SUPPLY**

**You Save When You Buy
from TRACTOR SUPPLY**

Feature Values!

TRACTOR PARTS & ACCESSORIES



SLEEVE SETS

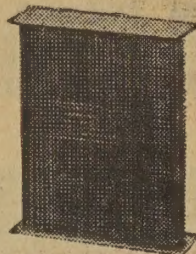
For IHC "M"

Stk.No.S-62

Usual Dealer
Price \$52.40

Other Sleeve
Sets On
P. 42-43

Only **\$35⁹⁵**



RADIATOR CORES

For J. I. CASE
"C," "CC," "D"

Stk.No.C-21

Usual Dealer
Price \$44.00

Other Cores
On P. 39

Only **\$29²⁵**



WATER PUMPS For FORD 2N, 9N, 8N

Stk.No.7A71

Usual Dealer Price \$14.30

Only **\$7⁹⁵**



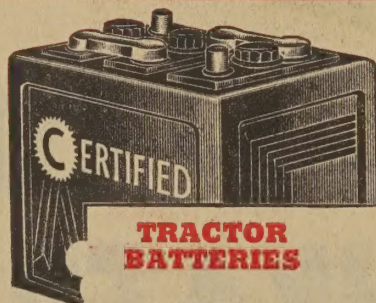
Auto-Lite SPARK PLUGS

7/8" Thread — 15/16" Hex.
NORMAL SERVICE, for
older tractors.

Stk.No.SP-13

Usual Dealer Price 80c

Only **29^c**



TRACTOR BATTERIES

\$3.00

Trade-In Allowance
On Old Battery

Low **\$9⁵⁰**
As Exch.

SEAT HINGE

For
ALLIS
CHALMERS
WD

Permits seat swing
up and back, out
of way of operator.

Stk.No.6A14



Only **\$3²⁹**

TRACTOR LIGHTS

4 1/2" sealed beam
for 6-volt system.

Stk.No.TL-761

Only **\$3¹⁹**

\$4.95 Value



FRONT END HITCHES

For JOHN DEERE A & B

and IHC H & M
Makes wagon back-
ing easier. No holes
to drill.

For DEERE A & B

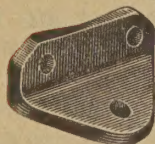
Stk.No.25A97

Only **\$2⁵⁰**

For IHC H & M

Stk.No.25A96

Only **\$1⁶⁹**



DRAW BAR ROLLER

Fits most tractors. Makes turning
easier. 9 1/4" center to center. Drilled
for 5/8" bolts.

Stk.No.8A62

For IHC W-9 only:
Stk.No.8A63

Only **\$3⁸⁵**

VALVE STEM GUARDS

For FORD

Prevents valve
stem breakage.
Made of heavy steel.
Fits under present
lug bolts.

Stk.No.16A82

Only **\$1⁶⁹**
Pr.



FOOT FEED

For FORD

Frees hands to
control tractor.
Bolts to right
side. Ideal for use
with manure
loader.

Stk.No.16A95

Only **\$6²⁵**

DRAW BAR PIN

3 for 95^c

Stk.No.19A41

3/4" diameter, 5" long. With 1 1/4" head.
Drilled for 5/16" cotter pin. Made of
hardened steel.



BRAKE LOCK SPRING

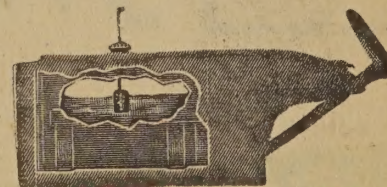
For JOHN DEERE A & B

Locks and re-
leases brake.
Semi-automatic.

Stk.No.5A5

Usual List
\$1.00

Only **39^c**

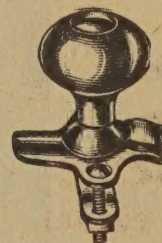


GAS CAP GAUGE

Fits all tractors with 1 7/8" bayonet
type filler neck.

Stk.No.19A31

Only **49^c**



Tractor WHEEL SPINNER

Hardwood
Stamped steel

Stk.No.19A30

Usual Dealer
Price 95c

Only **49^c**

**You Save When You Buy
from TRACTOR SUPPLY**

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from TRACTOR SUPPLY**

Feature Values!

FARM TOOLS & SUPPLIES

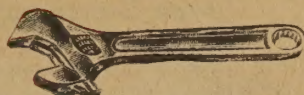


6-Pc.

SCREWDRIVER KIT

Stk.No. 3E95 **Only 77¢**

5 blades which fit in unbreakable plastic handle with screw chuck. In plastic roll. Ship. Wt. 1½ lb.



8" ADJUSTABLE WRENCH

Stk.No. 3E73 **Only 95¢**

Forged steel head. Chrome plated. Ship. Wt. 1 lb.

500-Pcs.

COTTER KEYS

Stk.No. 19A24

Sizes 1/8", 3/8" and 1/2". Lengths 1/2" to 1½".



FARM LUBER

Stk.No. L-55

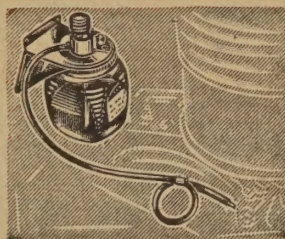
\$17.50

Fits 25 to 40 lbs. pails. Develops 6000 lbs. pressure. With 10 ft. hose and trigger-type grease gun. Shipping wt. 20 lbs.

Easy-Out TOOL

Stk.No. 19A48 **Only 85¢**

For removing worn or broken grease fittings, regular 1/8" size. Tightens and retreads. Ship. wt. 3 oz.



Top Engine OILER

Stk.No. L-4 **Only \$5.95**

Fits tractors, cars, trucks and all gas engines. Lubricates upper cylinder walls. Increases compression. Reduces engine wear. Easy to install, instructions included. Ship. Wt. 2 lbs.

Texaco HAVOLINE OIL

Stk.No. L-71 Low As **27¢**

We carry a complete line of Texaco Products. Visit your nearest TRACTOR SUPPLY Farm Store.



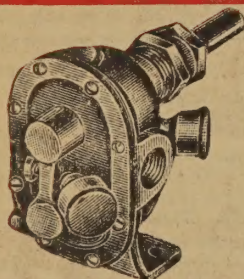
MIRACLE POWER

Stk.No. L-26. Low As **75¢**

8 Oz. Can 75c

24 Can Case \$13.68

Prevents "dry starts" and reduces engine wear. Not a solvent—made of synthetic graphite. Use in oil & gas.



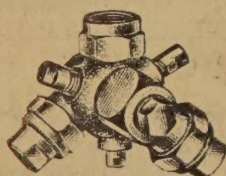
Rotary GEAR PUMPS

3/4" PIPE THREAD

Stk.No. 21A30

Only \$19.95

Develops up to 100 lbs. pressure. Same type as used on most tractor field sprayers. Ship. Wt. 7 lbs.

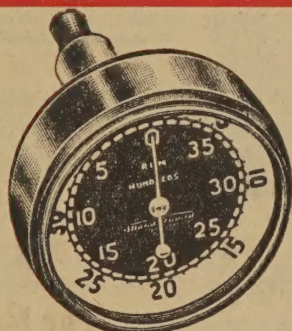


Boom-Jet SPRAY NOZZLE

Stk.No. 21A61

Only \$24.50

Double nozzle covers 39 ft. Excellent for pastures, small grain, defoliant spraying, etc. See Pages 23-25. Ship. Wt. 1¼ lbs.



Stewart-Warner

TACHOMETER

Stk.No. 19A87 **Only \$7.85**

Measures 0 to 4,000 RPM. Operates clockwise or counter-clockwise. 2½" long. Easy to read dial. Ship. Wt. 1 lb.

6 Ft. Steel TAPES

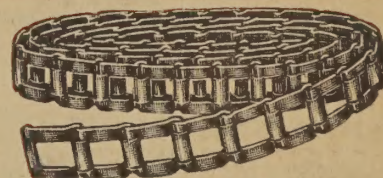
Stk.No. 2E28

Only

73¢



Tempered white steel blade. Graduated in 16ths & 32nds. In steel case. Ship. Wt. ¼ lb.



#55 LINK CHAIN

Low As **26 1/2¢** Ft.
In 10 Ft. Rolls

Link & Roller Chain Listings on Pages 6 & 7.

Handy

CHAIN DETACHER



Only

Stk.No. 20A69 **98¢**

Made of malleable iron. For easy chain detaching. Ship. Wt. 3 lbs.



Fix-All CEMENT

Stk.No. 20A60

Only 65¢

All-purpose adhesive. Mends canvas, wood, glass, etc. Ship. Wt. ½ lb.

**You Save When You Buy
from TRACTOR SUPPLY**



COMBINE CANVAS

Long Wearing Extra Heavy Rubberized Harvester Duck Construction Equal or Superior to Originals

Individual specifications differ according to the needs of the various models. But you can be sure that all Combine Canvas listed is equal to—or better than manufacturer's original specifications. In many cases major improvements have been made for greater service.

All wood slats used are straight-grained hardwood, carefully selected. All slat holes are countersunk to protect rivet burrs.

On models requiring metal slats, a heavier $\frac{1}{2} \times \frac{3}{8}$ " size is used rather than the customary $\frac{3}{8} \times \frac{3}{8}$ ", and they are attached to the canvas with 2 extra rivets—making 4 rivets in all instead of the usual 2 rivets.

For ALLIS CHALMERS 5 Ft. Model "60"

Heavy No. 6 Harvester Duck, choice of long wearing waterproofed or rubberized finish. Heavier steel slats than originals, with extra rivets to hold canvas in severe service. Fasten like originals.

Repl. A-C505907—UPPER ELEVATOR—WATERPROOFED FINISH. Size $59\frac{1}{2} \times 49$. STK. NO. X-811. Ship. wt. 13 lbs. Each, **\$12.95**

LOWER ELEVATOR—WATERPROOFED FINISH—Repl. A-C505855. Size $59\frac{1}{2} \times 152$. STK. NO. X-812. Ship. wt. 22 lbs. Each, **\$29.50**

Repl. A-C 505908—UPPER ELEVATOR—RUBBERIZED FINISH. Size $59\frac{1}{2} \times 49$. STK. NO. X-813. Ship. wt. 15 lbs. Each, **\$15.95**

LOWER ELEVATOR—RUBBERIZED FINISH—Repl. A-C505855. Size $59\frac{1}{2} \times 152$. STK. NO. X-814. Ship. wt. 28 lbs. Each, **\$38.50**

For ALLIS CHALMERS Model "40"

Extra heavy No. 4 Harvester duck, thoroughly rubberized. Metal end slats with wood intermediate slats, with metal clips at end.

UPPER ELEVATOR—RUBBERIZED FINISH—Repl. A-C506730. Size $35\frac{1}{2} \times 42$. STK. NO. X-815. Ship. wt. 8 lbs. Each, **\$8.50**

LOWER ELEVATOR—RUBBERIZED FINISH—Repl. A-C506731. Size $35\frac{1}{2} \times 111\frac{1}{2}$. STK. NO. X-816. Ship. wt. 14 lbs. Each, **\$17.50**

For OLIVER Combines #2 and #6

Heavy No. 6 Harvester duck, thoroughly waterproofed. Construction like originals.

MODEL 2—UPPER—WATERPROOFED. Repl. AC-7148T. Size $55\frac{1}{2} \times 52$. STK. NO. X-845. 9 lbs. Each, **\$14.50**

MODEL 2—MAIN—WATERPROOFED. Repl. AC-7265T. Size $55\frac{1}{2} \times 147$. STK. NO. X-846. 28 lbs. Each, **\$38.95**

HEAVY DUTY BINDER CANVAS



Platform Canvases made of No. 8 Duck, 18 oz. per square yard
Elevator Canvases made of No. 9 Duck, 16.4 oz. per square yard

Heavy Duty Binder Canvas. Made to exact original equipment dimensions from extra heavy harvester duck, with straight grained hardwood slats, heavy web straps and metal buckles. They fit perfectly and give superior service. Average Wts.—Platforms, 20 lbs.—Elevators, 11 lbs.

Canvas Number	Application	Size Inches	Each
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For McCORMICK-DEERING BINDERS

BD63	Upper Elevator	$47\frac{1}{4} \times 91$	\$10.75
BB835	Lower Elevator, after 1913	51×89	11.50
BB468	7 Ft. Platform	45×158	16.95
BC469	9 Ft. Platform	45×182	21.50

For McCORMICK TRACTOR BINDERS

B12342	Upper Elevator	$41\frac{1}{2} \times 83\frac{1}{2}$	\$14.50
B12339	Lower Elevator	$45 \times 77\frac{1}{2}$	14.95
B12336	10 Ft. Platform	39×237	32.50

For JOHN DEERE BINDERS (1923-41)

B8556	Upper Elevator	$44\frac{1}{2} \times 96$	\$10.75
B8555	Lower Elevator	$50\frac{1}{2} \times 94$	12.95
B8554	8 Ft. Platform	$38\frac{3}{4} \times 184$	22.95

For DEERE TRACTOR BINDERS

B8787	Upper Elevator	$44\frac{1}{2} \times 91$	\$14.50
B8789	Lower Elevator	$50\frac{1}{2} \times 89$	15.25
B8751	10 Ft. Platform	$38\frac{3}{4} \times 234$	32.50

For NEW HOLLAND BALER

#H-544—LOWER DRAPER. Stk. No. X-849. Wt. 21 lbs. Ea. **\$47.95**

#H-928 & #H-550. UPPER DRAPER. Ship. Wt. 15 lbs. Stk. No. X-850. Ea. **\$27.95**

For IHC McCORMICK-DEERING

Canvases for Nos. 42 and 52 made of extra heavy No. 4 Harvester duck thoroughly rubberized, same construction as originals. Canvases for No. 62 made of extra heavy two ply rubberized duck, wood slats with steel clips, with improved "Alligator" type flexible joining.

Models "42" and "52"—UPPER FEED—RUBBERIZED. 18137KB. Size $35 \times 38\frac{3}{8}$. STK. NO. X-831. Ship. wt. 6 lbs. Each, **\$8.95**

Model "42"—FEED CONVEYOR—RUBBERIZED. 18138KB. Size $35 \times 122\frac{1}{2}$. STK. NO. X-832. Ship. wt. 16 lbs. Each, **\$16.50**

Model "52"—FEED CONVEYOR—RUBBERIZED. 28662KC. Size $35 \times 135\frac{1}{2}$. STK. NO. X-833. Ship. wt. 17 lbs. Each, **\$17.50**

Model "62"—UPPER FEED—RUBBERIZED. Repl. IHC 20140KB. Size $26\frac{1}{4} \times 44\frac{1}{4}$. STK. NO. X-834. Ship. wt 8 lbs. Each, **\$13.25**

Model "62"—FEED CONVEYOR—RUBBERIZED. Repl. 20136KC. Size $26\frac{1}{4} \times 151$. STK. NO. X-835. Ship. wt. 22 lbs. Each, **\$36.50**

Model "SP-123"—FEED CONVEYOR—RUBBERIZED. Repl. 48121. KAW. Size $30\frac{3}{8} \times 55\frac{1}{8}$. STK. NO. X-852. Wt. 11 lbs. Each, **\$16.50**

For JOHN DEERE Combines

Canvas for No. 12 & 12A have steel end joining slats for easier adjustment than originals.

Model 12, 12A—FEEDER—RUBBERIZED. Repl. Deere AP13964. Size $59 \times 45\frac{1}{2}$. STK. NO. X-827. Ship. wt. 10 lbs. Ea. **\$19.95**

Model 12, 12A—PLATFORM—RUBBERIZED. Repl. Deere AP13683. Size $59 \times 126\frac{1}{2}$. STK. NO. X-828. Ship. wt. 23 lbs. Ea. **\$31.95**

For MINN. MOLINE 5' Combines

HEADER PLATFORM—WATERPROOFED. Repl. 1657R2. Size $47\frac{1}{2} \times 147$. STK. NO. X-837. 19 lbs. Ea. **\$27.45**

MODEL "G-4"—2 FLY RUBBERIZED—Repl. 5375K1. Size $31 \times 114\frac{1}{2}$. Stk. No. X-851. Ship. Wt. 21 lbs. Ea. **\$29.95**

For J. I. CASE

Canvas on Model A6 are identical to original equipment.

Model "A6"—UPPER—WATERPROOFED FINISH. Repl. B1744HTA. Size: $71\frac{1}{2} \times 54$. STK. NO. X839. 16 lbs. **\$15.95**

Model "A6"—LOWER—WATERPROOFED FINISH. Repl. B1743HTA. Size: $71\frac{1}{2} \times 114$. STK. NO. X840. 30 lbs. **\$32.50**

Model "A6"—UPPER—RUBBERIZED FINISH. Repl. 3312HTA. Size: $71\frac{1}{2} \times 54$. STK. NO. X841. 14 lbs. **\$20.75**

Model "A6"—LOWER—RUBBERIZED FINISH. Repl. 3311HTA. Size: $71\frac{1}{2} \times 114$. STK. N. X842. 29 lbs. **\$38.50**

For MASSEY HARRIS 6 & 7 Ft. CLIPPER

Construction same as original, but made with heavy No. 6 duck. CLIPPER—PLATFORM—RUBBERIZED. Repl. Massey Harris GH 5068 $\frac{1}{2}$. Size $58\frac{3}{4} \times 149$. STK. NO. X-824. 27 lbs. Each **\$44.50**

CLIPPER—PLATFORM—WATERPROOFED. Repl. GH 5031 $\frac{1}{2}$. size $58\frac{3}{4} \times 149$. STK. NO. X-836. 26 lbs. Each **\$34.50**

For WOODS BROS. Combines

Model "16"—LONG DRAPER—TREATED. Repl. #160461. Stk. No. X-848. Ship. Wt. 26 lbs. Ea. **\$36.95**

Model "16"—SHORT DRAPER—TREATED. Repl. #160624. Stk. No. X-847. Ship. Wt. 10 lbs. Ea. **\$18.95**

SWATHER CANVAS

For International Windrower #120, 1947 & Up

Repl. Mfg. No. 451132R91 Platform Canvas 12 ft. Stk.No.X-853 Ea. **\$40.95**
Repl. Mfg. No. 541248R91 Platform Canvas 15 ft. Stk.No.X-854 Ea. **55.95**
Repl. Mfg. No. 615547R93 Rear Del. Canvas. Stk.No.X-855 Ea. **22.50**

For John Deere Power Swather 1946 & up

Repl. Mfg. No. AP14119H Platform Canvas 12 ft. Stk.No.X-856 Ea. **\$56.50**
Repl. Mfg. No. AP14118H Platform Canvas 16 ft. Stk.No.X-857 Ea. **69.50**

For J. I. Case Swather

Repl. Mfg. No. 51CBA Platform Canvas 12 ft. Stk.No.X-858 Ea. **\$39.95**

Save More On All Farm Needs!

BELTS For Combines, Mowers & Balers

At Savings Up to 50%

Superior Construction Guarantees Longer Life

COVERED FOR PROTECTION

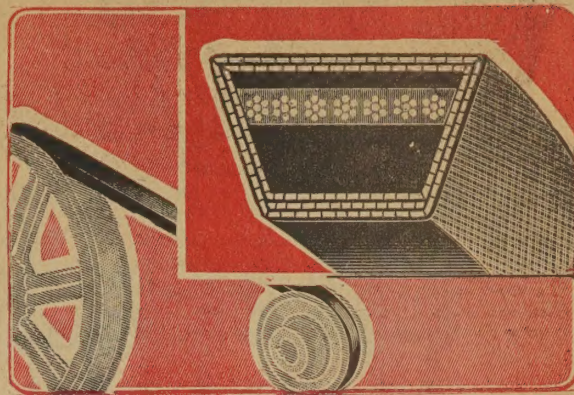
Our combine V-belts are of top quality, for longer operating life under tough combining conditions. The tough cover keeps out dust, grit, and moisture and prevents premature wear of the belt.

The tension section (1) is your insurance against belt overheating. The cord section (2) contains tough rubber impregnated cables for extra pulling strength. The compression section (3) is made of fibrous materials to provide cross section rigidity.

100% DEPENDABILITY

Combine V-belts are called upon for the toughest kind of service, and a belt has to be rugged to withstand the extreme conditions of heat, stress, dust and grit. These belts are guaranteed to provide all of the most modern construction features to provide positive grip, flexibility to cling to small pulleys, strength to withstand shocks, plus a tight cover to keep out dust.

WEIGHTS: Belts under 48", 2 lbs.
49 to 60", 3 lbs. 72 to 100", 5 lbs.
60 to 72", 3 lbs. Over 100", 7 lbs.



For ALLIS CHALMERS 5' "60"

Belt Application	Repl. Mfr. No.	Belt size W. x L.	Stk. No.	Price Each
Cyl. Drive Belt 1935-37 prior to #23800	502432	1 1/4 x 110 3/4	B-289	\$10.75
Cyl. Drive Belt, 1938-40				
#23801 to 58836	502433	1-21/32 x 110 3/4	B-291	12.95
Cyl. Dr. Belt 1941 up.	508971	1-13/16 x 119 1/4	B-292	19.75
Header Drive 1935-40, prior to #58836	502434	7/8 x 108 3/4	B-280	5.95
Header Dr. 1941 up.	506910	7/8 x 151 3/4	B-281	9.95
Separator Drive, All.	502435	21/32 x 241 3/4	B-282	7.50
Reel Drive, All.	502436	21/32 x 175 3/4	B-283	5.35
Lower Draper Drive, #58837 and up.	501470	21/32 x 56 1/2	B-201	1.85
Grain Bin, Unloading Convey., #23801 up.	502437	21/32 x 62 1/2	B-202	1.98
Straw Spread. Atch., #502438		21/32 x 87 3/4	B-203	2.65

For ALLIS CHALMERS "40"

Cylinder Drive	503303	1-5/16 x 79 3/4	B-288	\$ 7.95
Header & Fan Drive	503304	21/32 x 106 3/8	B-205	3.25
Separator Drive	503305	21/32 x 183	B-206	5.35
Reel Drive	503306	1/2 x 142	B-207	3.50
Upper Draper	503308	1/2 x 48 1/2	B-208	1.05
Tailings Elevator	504093	1/2 x 67	B-209	1.40
Pickup att. (Rotor)	503327	21/32 x 125 3/4	B-210	3.95
Pickup Drive att.	501510	21/32 x 167 3/4	B-204	5.35

For CASE "A" 1944 UP

Beater & Fan #5201878 up	04037B	15/16 x 120 1/2	B-230	\$ 7.45
Header Auger Drive, #5201878 and up.	04038B	7/8 x 93 1/2	B-256	5.75
Tailings Elev. drive #511261 and up.	04105BF	21/32 x 80	B-251	2.60
Tailings Elev. drive before #511261	07854HT	5/8 x 76 3/4	B-248	5.25
Engine Drive (Flat) #07855HT		4 x 102	B-275	16.50
Auger drive #511261 up	08374HT	5/8 x 57 1/2	B-247	3.75
Grain Auger drive, before #511261	08374HT	5/8 x 57 1/2	B-247	3.75
Pickup drive	09704HT	21/32 x 84	B-252	2.80
Reel drive	07895HT	21/32 x 146 3/4	B-233	4.85
Grain Bin Auger Dr. 480463 to 512162	56 x 153 1/2		B-312	7.25

For JOHN DEERE 11A & 12A

Cylinder Drive	P27312	1 1/2 x 92	B-290	\$14.95
Strawrack & Convey.	P27108	21/32 x 160 3/4	B-211	5.25
Tailings Elevator	P27287	21/32 x 96	B-212	3.15
Feeder & Platform, Rear Beater & Fan.	P30120	7/8 x 242 3/4	B-284	17.95
Upper Tailings auger.	P37230	1 1/2 x 42 1/2	B-213	1.25
Grain Elev. 1947 up.	P35760	21/32 x 99 3/4	B-221	3.20
Grain Elev. to 1947.	P29286	21/32 x 87	B-203	2.65
Bagging Att. to '47	P35760	21/32 x 99 3/4	B-221	3.20
Grain Tank (33268 up)	P33853H	11/16 x 32 1/2	B-311	1.29

For JOHN DEERE "9"

Cylinder Drive	P39040	1-21/32 x 111	B-291	\$12.95
Cylinder Drive	P40380	1-21/32 x 108	B-300	12.95
Countershaft, left	P38962	7/8 x 119 3/4	B-231	7.45
Beater drive	P38961	1/2 x 101 1/2	B-289	10.75

For MASSEY HARRIS 6' & 7' CLIPPER

Main Drive (Flat)	GH5061	4" x 131	B-274	\$14.50
Cylinder 1939-43	GH5025	1-9/32 x 75 1/2	B-287	8.50
Cyl. 1944 and up.	GH5104	1-23/32 x 72 1/2	B-277	17.25
Knife, Canvas, and Front Beater	GH5046	21/32 x 160 3/4	B-211	5.25
Rear Beater Drive	GH5038	11/16 x 93 3/8	B-227	2.25
Fan Drive	GH5045	21/32 x 70 3/4	B-224	2.30
Auger to Auger.	GH5067	21/32 x 37	B-229	1.35
Auger to Auger, or Fan to Auger, 7/8" wide belt for nos. 25001 to 40000.	GH5132	7/8 x 42-5/16	B-254	2.75
Auger to Auger, or Fan to Auger, 11/16" wide belt for nos. 40000 & up.	540027M	11/16 x 42	B-218	1.55
Fan to Auger, use with 6 1/2" pulley, to 40000.	GH5100	7/8 x 38	B-234	2.45
Eng. Pulley to Counter-shaft, 1944 up.	GH5096	21/32 x 64	B-249	2.15
Countershaft to Gear Box Pulley	GH5047	21/32 x 57	B-228	2.10
Rear Beater Atch.	GH5083	21/32 x 145 1/2	B-233	4.85
Pickup Attachment.	GH5081	21/32 x 118	B-242	3.95

For MASSEY HARRIS 21, 21A

Front Beater (Cylinder) Short Belt	GK5099	1-19/32 x 116 1/2	B-279	\$18.95
Front Beater (Cylinder) Long Belt	GK5100	1-19/32 x 129	B-278	20.50
Header (Cross conveyor)	GK5098	7/8 x 111	B-235	6.20
Rear Beater	GK5045	21/32 x 126	B-236	3.95
Straw Spreader	GK5254	17/32 x 128 1/2	B-237	3.20
Straw Walker	GK5019	21/32 x 212 3/4	B-238	8.45
Separator Fan and Beater	GK5105	21/32 x 96	B-212	3.15
Traction Drive	GK5106	1-19/32 x 75 1/8	B-287	8.50
Belt Dr. Gov.	GL5152	11/16 x 35 3/8	B-306	1.39
Belt Dr. Fan or Motor (not tracks)	GK5287	3/4 x 50 3/4	B-307	1.49
Grain Tank Dis Spout Dr.	GK5080	25/32 x 77	B-308	3.25
Crank. for knife Pitman 1943-44, '46 up.	GK5249	29/32 x 124 3/4	B-309	7.50
Crank. for knife Pitman 1944-46	GK5262	7/8 x 122 3/8	B-310	7.50

For MASSEY HARRIS 26 & 27

All belts listed fit both models unless otherwise shown. Listings are for Grain type Combines—Not Rice.				
Grain and Gleanings Elevator, also Straw Walker	GT5027	21/32 x 219 1/2	B-253	\$ 8.75
Grain Tank Unloader, "26" 1948 only.	GT5072	21/32 x 106	B-205	3.25
Beater behind cyl.	200432M	7/8 x 105 3/8	B-257	6.50
Knife Pitman crank.	201900M	7/8 x 132 1/8	B-293	7.95
Traction drive	202726M3	1-25/32 x 63 1/2	B-297	14.95
Knife Pitman crank, "27" 1950 up.	202961M1	7/8 x 151 3/8	B-281	9.95
Tank Unloader Countershaft	203437M1	21/32 x 50	B-299	1.90
Cross Conveyor Rear Shaft, "27" only	202336M1	21/32 x 77 3/4	B-220	2.65
Fan Mill shaft	200557M1	21/32 x 106	B-205	3.25
"26"	200557M1	21/32 x 96	B-212	3.15
Radiator Fan, '49 up.	GK5105	21/32 x 96	B-212	3.15

For WOOD BROS. "16"

Cylinder drive	162234	1-13/16 x 78	B-298	\$19.95
Straw rack drive.	160036	21/32 x 111 1/2	B-240	3.75
Grain and Return Elevator drive	160037	21/32 x 131 1/2	B-260	4.25
Unloading Elev.	162248	21/32 x 80	B-251	2.60
Reel Drive	162213	21/32 x 84	B-252	2.80
Reel countershaft	CP2681	21/32 x 128 3/4	B-261	3.95
Long Draper drive.	160039	21/32 x 167 3/4	B-204	5.35

For IHC 42, 42-R

Cylinder (2 used)	16647K	1-13/32 x 63 3/8	B-286	\$ 8.65
Shaker Shaft and Cylinder Beater	16648K	21/32 x 180 1/2	B-285	7.20
Reel ground driven (2)	16649K	1 1/2 x 92	B-214	2.35
Reel power driven.	18669K	1 1/2 x 138 1/2	B-215	3.35
Fan Drive	18202K	21/32 x 45 1/2	B-216	1.80
Grain & Tailings Elevator	18203K	21/32 x 136 1/2	B-217	4.30
Grain Unloader	18204K	21/32 x 42	B-218	1.55
Upper Feeder	16650K	1 1/2 x 77	B-219	1.80

For IHC "62"

Cylinder Drive	21789K	1 1/2 x 92	B-290	\$14.95
Pitman-Reel drive.	25079K	21/32 x 68	B-250	2.25
Separator drive	19897K	1 3/4 x 133	B-296	7.25
Platform Auger shaft, 1944 up	28588K	5/8 x 54 3/4	B-246	1.98
Platform Auger, 1941-43	19869K	21/32 x 57	B-228	2.10
Reel-Upper feeder Ground driven reel.	20399K	21/32 x 107	B-205	3.25
Grain Tank unloader Engine equip.	20640K	21/32 x 37	B-229	1.35
Grain Tank unloader Pwr Takeoff dr.	20641K	21/32 x 35	B-225	1.35

For IHC 123-SP, 125-SP, 125-SPV

Cyl. Beater, 1944-48.	22849K	15/16 x 120 1/2	B-230	\$ 7.45
Knife Drive, 1944-46.	26267K	15/16 x 118 3/8	B-231	7.45
Knife Drive, 1948 up.	26933K	7/8 x 127 3/8	B-259	7.95
Cyl. Beater, edible bean attach.	1944-48. 26933K	7/8 x 127 3/8	B-259	7.95
Chaffer Fan 1944-48.	23221K	21/32 x 99 3/4	B-221	3.20
Recleaner (left)	27145K	21/32 x 48 3/4	B-232	1.80
Straw Spread. to '48.	18413K	21/32 x 145 1/2	B-233	4.85
Pickup to '48.	27550K	21/32 x 99 3/4	B-221	3.20
Pickup, '48 and up.	551911R	21/32 x 118	B-242	3.95
Shaker shaft '50 up.	554454R	11/16 x 93 3/8	B-227	2.25
Auger jackshaft '50 up	552747R1	7/8 x 98 3/8	B-302	5.95
Straw rack '50 up.	554485R1	21/32 x 97 3/8	B-301	3.25
Tailings del. '50 up.	554494R1	1 1/2 x 48 1/4	B-208	1.05
Unloader '49 up.	24510K	21/32 x 70 3/4	B-224	2.30
Grain elev. del. auger 1950 up.	28588K	21/32 x 53 3/8	B-304	1.98
Fan Belt '50 up.	28953D	3/4 x 40	B-305	1.19

For MOWERS, BALERS

For ALLIS CHALMERS MOWERS

Model B tractor mower	307830	7/8 x 54 1/4	B-255	\$ 2.70
Model WC tractor mower	311077	29/32 x 42 3/4	B-294	2.70

For IHC MOWERS

Models 16A, 16B, 16H, 16M, and 25V tractor mowers drive belt	M32812	29/32 x 52 1/4	B-295	\$ 3.25
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For DEARBORN MOWERS

Main Drive belt for Models 14-1, 14-2, 14-9 and 14-10 Rear attached mowers. Repl. Dearborn #141678. 2 USED. 25/32" x 40 3/8" size. Stk. No. B-270—Wt. 1 lb. Ea. \$2.19				
Rear Drive Belt for Models 14-3, 14-4 side mounted mowers. Repl. Dearborn #140022. 2 USED. 7/8" x 54 1/4" size. Stk. No. B-255—Wt. 1 lb. Ea. \$2.65				
Main Drive Belt for models 14-15, 14-16 rear attached mowers. Repl. Dearborn #142689. 1 USED. Stk. No. B-63—Wt. 1 lb. Ea. \$1.70				

For HARRY FERGUSON

(Ford) Mowers

Main Drive Belt for Model AED-A-20 1946-47. Repl. #AEOA-1531. 2 USED. 25/32" x 40 3/8" size. Stk. No. B-270—Wt. 1 lb. Ea. \$2.19				
Main Drive Belt for Models (Ford) Model N 1940-42. N-110-B 1940-44 and N-1110-A 1942. Repl. #49E. Also fits Mower PEO-20, PEO-21. Repl. #PEO-1531. 2 USED. 7/8" x 54 1/4" size. Stk. No. B-255—Wt. 1 lb. Ea. \$2.65				

For J. I. CASE Mowers

Main Drive Belt for Model 15. Repl. #15076. 2 USED. 25/32" x 40 3/8" size. Stk. No. B-270—Wt. 1 lb. Ea. \$2.19				
Main Drive Belt for Model A. Repl. #MT-623-S. 7/8" x 54 1/4" size. Stk. No. B-255—Wt. 1 lb. Ea. \$2.65				

For CASE NCM BALER

Feeder drive belt.	02812N	21/32 x 80	B-251	\$ 2.60
Main drive, 1941 up.	02868	4" x 170 1/2	B-276	23.50

For NEW HOLLAND BALER

12x18 Automaton, self tying, and #76 Engine drive (6 used).	H668P	21/32 x 145 1/2	B-233	\$ 4.85
Draper drive	H818	21/32 x 84	B-252	2.80
Main feeder and Pickup	H1034	7/8 x 115 1/4	B-258	7.25
Pickup Beater	H1037	21/32 x 167 3/4	B-204	5.35
Fan drive	H1089	1 1/2 x 56	B-244	1.39
Auger drive	H1035	7/8 x 151 3/8	B-281	9.95
Fan	H665P	17/32 x 62 1/4	B-265	1.45

You Save When You Buy From TRACTOR SUPPLY!

Precision Hardened Steel ROLLER CHAIN

Precision Roller Chain is made for us by one of the leading suppliers of original equipment and is fully interchangeable with same size chain of other standard manufacturers. It will fit all standard sprockets on combines, corn pickers and other farm machines. All chain is Precision made of select steel with wearing surfaces hardened for maximum chain life. Side plates are heavy to resist stretch, rollers are held to close tolerance for exact fit. Special riveted construction, all assembled.

HOW TO ORDER ROLLER CHAIN

SAVE
up to **45%**

PITCH—is the distance between roller centers.

WIDTH—is the distance between the inside edges of the side bars. Roller chain is sold by the foot, and is cut to the length you order. Be sure to check carefully the Pitch, Width, and Length desired before ordering, using your old chain and sprockets. We will be glad to make up a complete roller chain for you for any farm implement application, at a tremendous savings. Order running lengths from left hand table below, individual links from right hand table below.

ROLLER CHAIN



**RUNNING
LENGTHS**
Sold by the
Foot or Pitch

Steel Roller Chain in running lengths, used when replacing a complete chain or large section. Measure the length of chain required and order in feet from the "per ft." column, or count the number of rollers and order from the "per PITCH" column. Order connecting link and half links as needed from table at right of page.

CHAIN NUMBER	PITCH	WIDTH	No. of ROLLERS in 10 ft.	WEIGHT per ft.	CHAIN per ft.	CHAIN per ROLLER
REGULAR ROLLER CHAIN & LINKS						
RC-40	1/2"	3/8"	240	1/2 lb.	\$0.96	4c
RC-50	5/8"	3/8"	192	3/4 lb.	1.15	6c
RC-60	3/4"	1/2"	160	1 lb.	1.44	9c
RC-60H Hvy.	3/4"	1/2"	160	1 1/4 lbs.	1.68	10 1/2 c
RC-80	1"	5/8"	120	1 3/4 lbs.	2.40	20c
RC-80H	1"	5/8"	120	2 lbs.	2.68	22c
RC-100	1 1/4"	3/4"	96	2 3/4 lbs.	3.65	38c

EXTENDED PITCH ROLLER CHAIN & LINKS						
RC-52	1 1/4"	3/8"	96	3/4 lb.	\$0.86	10c
RC-63	1 1/2"	1/2"	80	1 lb.	1.36	17c

DOUBLE STRAND ROLLER CHAIN & LINKS						
RD-50	5/8"	3/4"	192	1 1/2 lbs.	\$2.68	14c
RD-60	3/4"	1"	160	2 lbs.	4.00	25c

Count Number of Rollers in Chain Desired and Order by "per Roller"

EXTRA LINKS ONLY



Conn. Link



Roller Link



Half Link

Individual Roller Chain Links, for repairing old chain, connecting, lengthening, etc. Links are priced individually, order quantity required for application. For safety's sake, always carry spare links in your tool box.

FOR REGULAR SINGLE STRAND CHAIN

FOR CHAIN NUMBER	PITCH	WIDTH	Conn. Link Stk. No. Ea.	Roller Link Stk. No. Ea.	Half Link Stk. No. Ea.
RC-40	1/2"	3/8"	CL-40 \$0.11	RL-40 \$0.09	HL-40 \$0.34
RC-50	5/8"	3/8"	CL-50 .13	RL-50 .11	HL-50 .39
RC-60	3/4"	1/2"	CL-60 .16	RL-60 .14	HL-60 .49
RC-60H	3/4"	1/2"	CL-60H .18	RL-60H .15	HL-60H .55
RC-80	1"	5/8"	CL-80 .25	RL-80 .35	HL-80 .85
RC-80H	1"	5/8"	CL-80H .29	RL-80H .39	HL-80H .93
RC-100	1 1/4"	3/4"	CL-100 .39	RL-100 .59	HL-100 1.25

FOR EXTENDED PITCH CHAIN

RC-52	1 1/4"	3/8"	CL-52 \$0.16	RL-52 \$0.14	HL-52 \$0.42
RC-63	1 1/2"	1/2"	CL-63 .21	RL-63 .24	HL-63 .60

FOR DOUBLE STRAND ROLLER

RD-50	5/8"	3/4"	CD-50 \$0.31	—	HD-50 \$0.85
RD-60	3/4"	1"	CD-60 .37	—	HD-60 1.10

Trasco GRAIN AUGERS

19, 25, 31 1/2 FT. DELUXE MODELS

High Quality construction throughout . . . the type you want on your farm for all grain loading and unloading jobs. 6", 16 gauge tubing will hold its shape; 11 gauge flighting, permanently bonded to center shaft to operate with the minimum of vibration. Timken roller bearings in nose to take up thrust. All bearings sealed against dirt and abrasives. Moves up to 1500 bushels per hour. Augers complete with high speed transport, wheels to take 6.00x16 tires (tires not included), built-in clutch, and all necessary belts and pulleys. Towing hitch built on nose. 5 H.P. motor recommended, such as No. 51A55.

19 FT. AUGER Complete (less tires & motor). Use 3-5 H.P. motor.	Stk. No. 51A57	Ea.	\$196.50
25 FT. AUGER Complete (less tires & motor). Use 4-5 H.P. motor.	Stk. No. 51A58	Ea.	\$224.50
31 1/2 FT. AUGER Complete (less tires & motor). Use 7 H.P. motor.	Stk. No. 51A59	Ea.	\$284.50

12, 16 FT. ECONOMY MODELS

Will handle any small grain, and move up to 1000 bushels an hour, depending on motor speed. Heavy steel auger spiral will not whip or chatter at any speed. Every moving part is equipped with oil sealed bearings. Double pillow blocks in shaft. Augers complete less carrier and motor.

12 FT. AUGER Complete (less carrier & motor).	Stk. No. 51A62	Ea.	\$86.50
16 FT. AUGER Complete (less carrier & motor).	Stk. No. 51A63	Ea.	\$96.50

GAS ENGINES FOR AUGER DRIVES

5 H.P. Wisconsin, model AKN. Air cooled type, rated at 5 H.P. at 2600 rpm. and 5 1/2 H.P. at 3000 rpm. 1" shaft.	Stk. No. 51A55—Wt. 90 lbs.	Ea.	\$109.50
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All Augers Listed Shipped F.O.B. Nearest Store



- Under Tube Engine Mounting
- Built-In Clutch
- Double Shield Ball Bearing for thrust and endurance at intake end.

TRUCKERS AND FEEDERS

Augers same quality construction as above. Each complete with swivel mounting bracket that fits onto truck or wagon box side.

12 FT. AUGER Complete with Mounting Bracket (less motor).	Stk. No. 51A61	Ea.	\$92.00
16 FT. AUGER Complete with Mounting Bracket (less motor).	Stk. No. 51A60	Ea.	\$102.00

Precision Hardened Steel LINK CHAIN

Precision Link Chain is made for us by an original equipment supplier and is fully interchangeable with the same size chain of standard manufacturers. All link chain is carefully inspected by both the manufacturer and Tractor Supply Co. as double protection against flaws in construction.

HOW TO ORDER LINK CHAIN

SAVE
up to **40%**

Since the same size links are used in many application on farm machines, you are offered the extra savings in buying chain in 10 ft. rolls. Check number of links on old chain for correct size and compare with column marked "No. of Links in 10' Roll."

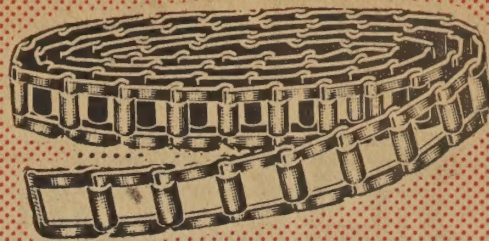
IMPORTANT—Be sure to order necessary Attachment Links!

Special 10 TOOTH SPROCKET For No. 55 Chain



Special Purchase! 10 tooth iron sprocket for regular #55 chain. Fits onto 1" round shaft. 6" high, 2" thick through center hole, hub on 1 side. Milled key slot and hole for set screw.

Stk.No.P-990—Wt. 4 lbs.....Ea. **89c**



STEEL LINK CHAIN IN 10' ROLLS

Stk. No.	Chain No.	No. Links 10'	Wt. 10'	Price Per 10' Roll
32	32	104	3.2 lbs.	\$2.20
34	34	86	3.6 lbs.	2.20
42	42	88	6 lbs.	2.50
45	45	74	4.8 lbs.	2.50
52	52	80	6.6 lbs.	2.95
55	55	74	6.0 lbs.	2.65
62	62	73	8.6 lbs.	3.65
62H	62H	73	11.2 lbs.	4.25
62Z	62Z	72	12.5 lbs.	5.95
67	67	52	11.0 lbs.	3.95
S	S	41	12.5 lbs.	5.25

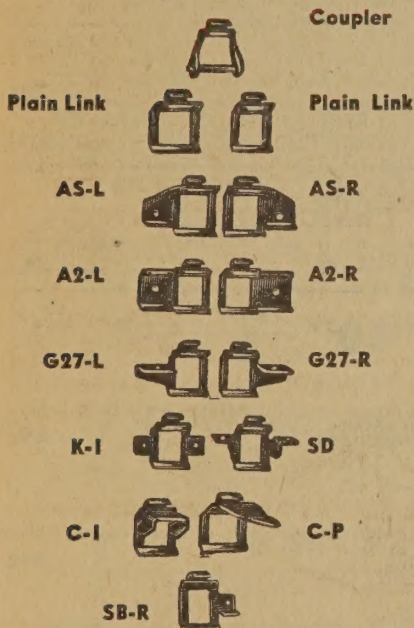
ATTACHMENT AND INDIVIDUAL LINKS

Stk. No.	For Chain No.	Type Link	Wt. Ea.	Price Ea.
45SD	45	SD	2 oz.	\$.07
45KI	45	K-I	2 oz.	.07
55L	55	Plain	1 1/2 oz.	.03
55A2R	55	A2-R	3-oz.	.08
55A2L	55	A2-L	3 oz.	.08
55C-I	55	C-I	2 1/2 oz.	.08
55G27R	55	G27R	2 1/2 oz.	.08
55G27L	55	G27L	2 1/2 oz.	.08
55KI	55	K-I	2 oz.	.07
55SD	55	SD	3 oz.	.07
62SD	62	SD	3 1/2 oz.	.09
62HL	62H	Plain	3 oz.	.06
62HCP	62H	C-P	5 oz.	.15
62HC7	62H	C-7	5 oz.	.15
67ASR	67	ASR	6 oz.	.12
67ASL	67	ASL	6 oz.	.12
SBR	S	BR	6 1/2 oz.	.16
SBL	S	BL	6 1/2 oz.	.16

COUPLER LINKS

For Easy Attaching of Links In Making Chain Endless

Stk. No.	For Chain No.	Wt. Ea.	Price Ea.
45C	45	2 oz.	\$.17
55C	55	2 oz.	.17
62C	62	3 oz.	.20
62HC	62H	3 1/2 oz.	.32



Handy CHAIN DETACHER

Just the thing for your tractor or implement tool box! Attaches or detaches chain while you're in the field. Put chain in slot and strike with hammer. Slots spaced for most used sizes of chain. Made of strong malleable iron.

Stk.No.20A69—Wt. 3 lbs.....Each

98c



Farmer's REPAIR BLOCK

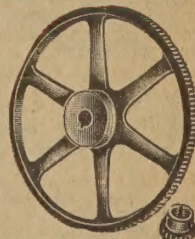
All purpose farm bench tool, ideal for making repairs on chain, guards, sections, sickles, etc. Has 8 specially designed units to make repair work easier. Made of malleable iron.

Stk. 20A68—Wt. 11 lbs.....Ea.

\$2.98

Special MATCHED GEARS

Reduction & Speed-Up



Steel gears in matched pairs for gear reduction or speed-up, on lifts, elevators, conveyors. All teeth 3/4" wide. Small gear has 21 teeth. Large gear in choice of 132 or 144 (6.28 to 1 or 6.85 to 1). All gears fit onto 1" round shaft. Each with key slot and hole for set screw. Sold in pairs only. Wt. 14 lbs.
Pr. 21 & 132 tooth gears—Stk.No.P-995
Pr. 21 & 144 tooth gears—Stk.No.P-996

\$6.95

Complete INDEX On Page 47

SAVE NOW! Parts for ALLIS CHALMERS All Crop 5' Model 60



SAVE \$\$\$ on CANVAS

For A-C 5' "60"

Heavier steel slats, 2 more rivets per slat than original equipment, yet you save \$\$\$ compared to usual dealer prices.

Heavy No. 6 Harvester Duck, your choice of long wearing waterproofed or rubberized finish. Heavy steel slats, canvas securely riveted to hold in severe service. Fasten like originals.

UPPER ELEVATOR—WATERPROOFED FINISH—Repl. A-C 505907. Each, \$12.95
Size 59 1/2"x49". Stk. No. X-811. Ship. wt. 13 lbs.

LOWER ELEVATOR—WATERPROOFED FINISH—Repl. A-C 505908. Each, \$29.50
Size 59 1/2"x152". Stk. No. X-812. Ship. wt. 22 lbs.

UPPER ELEVATOR—RUBBERIZED FINISH—Repl. A-C 505854. Each, \$15.95
Size 59 1/2"x49". Stk. No. X-813. Ship. wt. 15 lbs.

LOWER ELEVATOR—RUBBERIZED FINISH—Repl. A-C 505855. Each, \$38.50
Size 59 1/2"x152". Stk. No. X-814. Ship. wt. 28 lbs.



GUARDS—SECTIONS

TRIPLE GUARD—7 used, repl. A-C nos. 501209, 515217, K5D-15873. 2 lbs. X-310 \$1.29

GUARD PLATES—3 used per guard, repl. A-C nos. K4J-1555. BOX of 25. 4 lbs. X-410 2.29

SECTIONS—Serrated (Rough Edge), 22 used on 5'. Repl. A-C part 500760. BOX of 25. 5 lbs. X-210 2.35

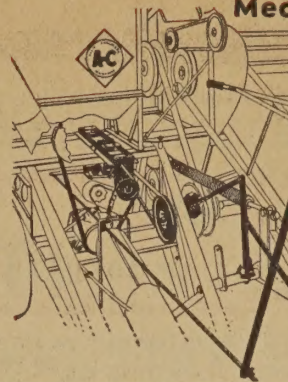


SAVE up to 50%

COMBINE V-BELTS

Top grade, long wearing V-Belts for A-C, made for Tractor Supply by one of the country's largest rubber manufacturers, yet priced to save you up to half of usual dealer price.

Belt Application and Serial Nos. Fit	Repl. Mfr. No.	Stk. No.	EACH
Cylinder Drive Belt, 1935-37, prior to #23800	502432	B-289	\$10.75
Cylinder Drive Belt, 1938-40, nos. 23801-58836	502433	B-291	12.95
Cylinder Drive Belt, 1941 up, nos. 58837 up	508971	B-292	19.75
Header Drive Belt, 1935-40, prior to #58836	502434	B-280	5.95
Header Drive Belt, 1941 up, nos. 58837 up	506910	B-281	9.95
Separator Drive Belt, All years	502435	B-282	7.50
Reel Drive Belt, All years	502436	B-283	5.35
Lower Draper Drive Belt, 1941 up, 58837 up	501470	B-201	1.85
Grain Bin Unloading Drive Belt, #23801 up	502437	B-202	1.98
Straw Spreader Attachment Belt	502438	B-203	2.65



Mechanical CUTTER BAR LIFT for All Crop 60

A simple, fast, positive mechanical acting cutter bar control designed for the All Crop "60". No batteries, generators, electrical controls or other complicated rigging. A small friction wheel runs freely between two discs, driven by the grain unloader belt, "live" at all times when the PTO shaft is operating. It clamps securely under the grain bin, no drilling or machining, and the control bar locates just back of the operator so the cutter bar can be raised or lowered instantly with a slight push or pull. Without question this is the simplest and most trouble free lift available for this combine. It is ruggedly built, installs without machining, and will operate smoothly and quickly without trouble. Contains all parts necessary for complete installation on 5' Model 60. Stk. No. 53A9 \$39.95



STEEL LINK CHAIN APPLICATIONS for 5'

Complete listings and Prices Steel Link Chain page 7

Grain Drag Riddle, combines #23801 and up: 254 links #55 chain, with 11—#55AIR and 11—#55AIL.
Separator Drive Shaft, Grain Conveyor Drive: 20 links #45 chain.
Tailings Elevator Riddle, combines #15551 and up: 84 links #45 chain, with 17 attach. links #45-SD.
Grain Elevator Drive Chain: 25 links #45 chain.
Grain Elevator Conveyor Chain, combines #23801 and up: 72 links #45 chain, with 24 attach. links #45-K1.
Grain Bin Chain, combines #23801 and up: 57 links #45 chain.
Reel Countershaft Drive Chain: 56 links #45 chain.

STEEL LINK and ROLLER CHAIN Listed on Pages 5 and 6



GRAIN ELEVATOR CUPS—CHAIN

Steel cups as used on grain elevator conveyor chain on 5' combines.
CUPS Only—repl. A-C 501471. 24 used in chain. Steel cup, holes drilled, ready to bolt or rivet to old chain link. Stk.No.U-220—3 oz. Each 27c
CUP with 1 chain attachment link and 1 plain link, to repair old chain. Stk.No.U-221—5 oz. Each 39c
COMPLETE CONVEYOR CHAIN with CUPS. Complete chain, 72 links #45, with 24 attachment links #45-K1 properly spaced, with 24 metal cups. Stk.No.U-222—9 lbs. Each \$9.95



BEVEL GEAR for AUGER DRIVE and GRAIN BIN UNLOADING CONVEYOR

18 Tooth Bevel Gear, run in pairs to drive Bin Unloading Conveyor Auger, repl. A-C no. 500529. Stk. No. U-109. Ship. wt. 3 lbs. Each, 98c

STEEL CHAIN SPROCKETS For A-C 5' Model "60" Low As 59c

GRAIN BIN UNLOADING CONVEYOR DRIVEN SPROCKET

8 Tooth sprocket for #32 chain, mounts on stub shaft with bevel gear at foot of auger. 1 used all combines #31829 up, repl. A-C 502620. Stk.No.U-113. 3 lbs. Each 59c

GRAIN ELEVATOR Conveyor Chain Sprocket LOWER SPROCKET—7 Tooth for 7/8" shaft, used in lower housing, drives elevator bucket chain. 1 used, repl. 513795. Stk.No.U-106—3 lbs. Each \$1.29

UPPER SPROCKET—7 Tooth for 3/4" shaft, used on upper idler shaft on elevator bucket chain. 1 used, repl. 513797. Stk.No.U-105—3 lbs. Each 89c

GRAIN CONVEYOR AUGER Shaft Sprocket

14 Tooth sprocket, on clutch end of auger shaft, drives auger. 1 used on all combines #58837 up, repl. 507192. Stk.No.U-115. 5 lbs. Each \$1.45

GRAIN CONVEYOR DRIVE SPROCKET on Separator Drive Shaft

8 Tooth sprocket, on separator drive, drives sprocket #U-115 above. Repl. A-C 500693. Stk.No.U-114—3 lbs. Each \$1.10

GRAIN CONVEYOR AUGER Shaft Sprocket, GRAIN ELEVATOR DRIVE SPROCKET

9 Tooth sprocket, 7/8" bore, for #45 chain. Mounts on end of clean grain auger shaft, drives short chain driving grain conveyor bucket chain. Repl. 517967, 503799. Stk.No.U-103—3 1/2 lbs. Each \$1.25

GRAIN ELEVATOR DRIVE Sprocket
8 Tooth, 7/8" bore, for #45 chain. Mounts on lower drive shaft of grain elevator, works with sprocket #U-103 above. Repl. 517966, 500706. Stk.No.U-104—3 lbs. Each \$1.25

TAILINGS ELEVATOR Lower Sprocket

7 Tooth, 7/8" bore, mounts on end of tailings auger shaft, is lower sprocket in tailings elevator conveyor chain. Repl. A-C 517260. 1 used. Stk.No.U-108—4 lbs. Each 89c

TAILINGS ELEVATOR Upper Sprocket

7 Tooth sprocket, mounts on stub shaft at upper end of tailings conveyor chain. 1 used, repl. C5D-1727. Stk. No. U-107—3 lbs. Each 89c

GRAIN DRAG Riddle Sprocket-Driving Shaft

6 Tooth, 1 1/8" bore, for #55 chain. 2 used on driving shaft, repl. A-C nos. 517806, C5D1620. Stk.No.U-101—3 lbs. Each \$1.19

GRAIN DRAG Riddle Sprocket-Idler Shaft

6 Tooth, 7/8" bore, for #55 chain, 2 used on idler shaft of riddle, repl. 517807, 513768, C5D1692. Stk.No.U-102—3 lbs. Each \$1.19

REEL COUNTERSHAFT DRIVE Sprocket

12 Tooth Sprocket for #45 chain, on right wheel, drives reel countershaft. Use with #U-112 hub cap clutch half listed below. Repl. A-C 510230. Stk.No.U-111. 3 1/2 lbs. Each 59c

HUB CAP CLUTCH HALF for Above

Hub Cap for right wheel, fits with sprocket above for clutch and drive of reel countershaft. Repl. 510229. Stk.No.U-112—4 lbs. Each \$1.55

Visit Your Nearest TRACTOR SUPPLY Farm Store Soon!

SAVE NOW! Parts for ALLIS CHALMERS All Crop 5' Model 60

CYLINDER BARS FOR A-C

HEAVY DUTY—LAST LONGER—COST LESS

Steel angle bars, with heavy rubber threshing surface bonded, exact size for attaching to cylinder, holes drilled ready to install.

THICKER RUBBER—LONGER LIFE

Over 50% thicker rubber at the threshing edge than standard type original equipment bars means lots of extra combining before replacement will be necessary. You gain two ways—lower initial cost and more combining service.

ORDER IN COMPLETE SETS OF 8 BARS

Each Allis Chalmers combine uses 8 bars on the cylinder. Replace all 8 for smooth, efficient, uniform threshing in your combine.

Stk.No.U-20—SET of 8 Bars. Ship. wt. 44 lbs.

SICKLE PITMAN BEARING HOUSING

Housing only, for sickle pitman on all combines #58837 and up. Uses 7205 shielded ball bearing. Repl. A-C part 506632. Stk.No.U-110—2 lbs. HOUSING ONLY \$1.15

Housing Complete with New Ball Bearing
Housing as listed above, complete with new shielded ball bearing for sickle pitman. Stk.No.U-110X—2½ lbs. Complete \$2.65

\$19⁹⁵

Full Set
of 8 Bars

BEARINGS for 5' Model 60 Combine

Application of Bearing	Type	Repl. Mfrs.	Stk. No.	lbs. -oz.	Price Each
Cylinder Shaft, same both ends, 1935-40, below #58836	Ball	507221	1307	1-0	\$2.95
Cylinder Shaft, Left Side only, 1941 up, after #58837	Ball	507223	7207	-10	2.55
Cylinder Shaft, Right Side only, Nos. 58837 to 86336	Ball	507221	1307	1-0	2.95
Cylinder Shaft, Right Side only, Nos. 86337 and up	Ball	510309	1208	-14	2.65
Gear Box Ball Bearing	Ball	MA1462	1207	-10	2.35
Grain Drag Pitman	Ball	211227	7205	-6	1.55
Grain Drag Driveshaft	Ball	205756	8505	-8	1.95
Sickle Pitman Bearing	Ball	211227	7205	-6	1.55
Power Takeoff Support	Ball	507223	7207	-10	2.55
Primary Shaft and Pinion Shaft, Nos. 23801 and up	Cone	209889	14138	-8	1.49
	Cup	210551	14274	-5	.55
Sickle Drive Shaft, Nos. below 58836	Cone	507229	14120	-8	1.69
	Cup	210551	14274	-5	.55
Roller Bearing used in Many Applications		507226	93424	-3	.65
Fits 7/8" shafts, bearing is 1½" long. Separator Drive shaft (2); Cleaning Fan shaft (2); Upper Draper Rolls (2); Lower Draper Rolls (4); Separator Idler Pin (1); and others.					
Roller Bearing used in Many Applications		507225	93428	-3	.65
Fits 7/8" shafts, bearing is 1¾" long. Cylinder Idler (1); Header Idler (1); Tailings Elevator (1); and others.					

Repair PARTS for ALL POPULAR COMBINES

COMBINE CYLINDER ADJUSTER

For A-C 5' Model "60"
John Deere Model 12A

Your cylinder and concave clearance is an important factor for completely threshing and saving grain. Weather conditions change from hour to hour making adjustments necessary. Adjusting the cylinder is difficult and time-consuming—the E-Z Cylinder Adjuster makes it easy and complete adjustments can be made in 3 minutes. Once installed no wrenches or long sockets are needed—simply loosen locking bolt by hand and adjust cylinder up or down through the adjusting bolt, tighten locking bolt and you are ready to start combining. One turn of the adjusting bolt changes the clearance ¼". You can adjust both ends of cylinder exactly the same—no guesswork or measuring. The Cylinder Adjuster means saving of grain and time, it assures you full price for your product because you avoid cracking the grain.

Brackets and adjusters for both ends of cylinder with complete easy to follow instructions. Requires two men two hours to install.

For John Deere 12A Combine:

Stk. No. 51A73—Shipping Weight 9½ lbs. Ea. \$1975

For Allis Chalmers Model "60" Combine:

For Combines prior to Ser. No. 58836 (1941) without cylinder speed adjuster crank. Stk. No. 51A74—Wt. 9½ lbs. \$2250

For Combines Ser. No. 58837 and up, (1941 up) with cylinder speed adjuster crank. Stk. No. 51A72—Wt. 9½ lbs.

ELECTRIC COMBINE CUTTERBAR CONTROL

Raise and Lower Your Combine Cutterbar with Push Button Control

Low Electrical Drain—Does Not
Run Down Battery—Has More Power

This electric lift will quickly pay for itself on your combine since it gives the man on the tractor complete control of the cutterbar for instant raising or lowering by simply pushing the electric relay button.

Lift unit is supplied as pictured, easily installed on any popular make and model of combine, 5' to 16' size. All parts for attaching and operating (for battery equipped tractors only) including the electric motor unit, 16 foot cable with controls for tractor operator, pulleys, belt, gears, and lift arms.

Positive operation and full control are the features users recommend most highly in this electric lift. There is no "delayed reaction" as with many hydraulic type controls and you are sure that the cutterbar will move to the right height at the right time, where the locking action of the gears assures positive setting until you want to change it again.

Stk. No. 53A7—For 5 to 10 ft. cut combines. \$7695

Stk. No. 53A8—For 10 to 16 ft. cut combines.

Parts for Blood Bros. UNIVERSAL JOINTS

For BLOOD Bros. Joints 1FR, 1FS

Center Cross Measures 2-23/32" wide overall

Center CrossT-411.....10 oz.....Each, \$1.85
Steel BushingT-412.....3 oz.....Set of 4, 89c
Cork WasherT-413.....4½ oz.....Set of 4, 33c
RetainerT-414.....1 oz.....Set of 4, 33c
REPAIR KIT—Contains 1 center cross, and 4 each of steel bushing, cork washer, and retainer, for 1 joint complete. Stk.No.T-415. 2 lbs. \$3.29

For BLOOD Bros. Joint 3D

Center Cross 3-11/16"—Early type without cover plate

Center CrossT-401.....1 lb.....Each, \$1.95
Steel BushingT-402.....1 lb.....Set of 4, 1.55
Cork WasherT-403.....2 oz.....Set of 4, .33
RetainerT-404.....4 oz.....Set of 4, .33

For BLOOD Bros. Joint 3-DS

Center Cross 3-11/16"—Cover Plate, Set Screws

Center CrossT-401.....1 lb.....Each, \$1.95
Steel BushingT-406.....1 lb.....Set of 4, 1.55
Cork WasherT-407.....2 oz.....Set of 4, .27
RetainerT-408.....4 oz.....Set of 4, .27
Cover Plate, screws.....T-409.....6 oz.....Set of 4, .65

COMBINE ELEVATOR RUBBER

PADDLES

Heavy cord-rubber paddles, correct size for elevator applications shown, with holes drilled for attaching to chain link (chain not included). Repair your old elevator chain yourself and save the difference.

For IHC Combines 122, 123-SP, 125-SP

Fits both Clean Grain and Tailings elevators, repl. 16742K. Stk.No.U-201. Ea. 11c

For IHC Combine model 62

Fits both Clean Grain and Tailings elevators, repl. 28128K. Stk.No.U-202. Ea. 9c

For JOHN DEERE model 12-A

Fits both Clean Grain and Tailings elevators, repl. P4152A. Stk.No.U-203. Ea. 9c

For JOHN DEERE model 55-SP

Fits both Clean Grain and Tailings elevators, repl. P39597. Stk.No.U-204. Ea. 13c

For ALLIS CHALMERS 5' model 60

Fits Tailings elevator only, repl. 501167. Stk.No.U-205. Ea. 9c

For MASSEY HARRIS 21, 21A, 26, 27

Fits both Clean Grain and Tailings elevators, repl. 203921M1. Stk.No.U-206. Ea. 13c

For WOOD BROS. "16" series

Fits both Clean Grain and Tailings elevators, repl. 16-0597. Stk.No.U-207. Ea. 10c

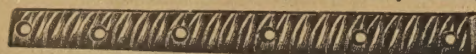
For GLEANER—BALDWIN combines

Fits Tailings elevator only, repl. 45GEX4. Stk.No.U-208. Ea. 9c

23 Complete Stocks At Same Low Prices!

SAVE NOW! Parts for MASSEY-HARRIS Combines

CYLINDER BARS for M-H 21, 21A, 27



TOUGH, LONG-WEARING MALLEABLE

Malleable is unexcelled for long wearing qualities in tough applications as in the rasp bars of combine and thresher cylinders. Controlled metal structure, thorough heat treating, give performance not possible with stamped types.

Fit All Massey-Harris combines 21, 21A, and 27, years 1943 to date, replace M-H part nos. GK2664 and GK2665, left and right. For all grain crops, not for Rice.

Your combine cannot thresh properly with worn or damaged bars. Inspect the cylinder frequently and replace promptly when the bars show noticeable wear. For best combine efficiency, always install new bars in sets. Never install a new bar opposite a worn bar as the weight difference can unbalance cylinder operation and cause damage.

BETTER — COST YOU LESS

Save over \$8.00 per set on these superior, longer wearing, malleable bars for your Massey-Harris combine.

Full set of 8 Bars, 4 rights and 4 lefts, complete **\$19.95** for one combine. Stk.No.U-16. 42 lbs.

MAIN DRIVE SPROCKETS for 21, 21A



Main Wheel SPROCKET (Large Picture)
60 tooth sprocket for 1" roller chain. Bolt on type as shown, repl. Massey-Harris part GK-310. 2 used per combine.
Stk.No.U-141.
18 lbs. Each, **\$9.85**

Main Drive SPROCKET (Smaller picture)
12 tooth drive sprocket for 1" roller chain. Splined bore for shaft, replaces Massey-Harris GK-1333. 2 used per machine.
Stk.No.U-142.
5 lbs. Each, **\$5.45**



SECTIONS for M-H

Serrated Sections for models 21, 21A, 15, 17, use for M-H G-H-2143 or G-B-4461. 3" width. Stk.No.X-214. 5 lbs. BOX of 25, **\$2.35**

BELTS

V-drive Belts at Money Saving prices, for Massey-Harris and other combines, on page 5.

CANVAS

Top quality canvases for Massey-Harris and other combines on page 4.

BEARINGS for "21," "21A" Combines

Bearing Application	Type	Mfr. No.	Stk. No.	lbs. -oz.	Each
Main Wheel, Inner	Ball	GK2151	7210	1-8	\$4.95
Main Wheel Outer, 1941-44	Ball	GA4069	1305	-9	2.10
Main Wheel Outer, 1945 up	Ball	DV4322	1308	1-8	3.95
Rear Wheel Inner	Ball	DV1595	1207	-10	2.35
Rear Wheel Outer	Ball	GK4133	1203	-4	.98
Cylinder Shaft	Ball	GB1241	1308	1-8	3.95

Following Bearings have numerous applications, as shown.

Type Bearing — Applications	Repl. Mfrs.	Stk. No.	Wt.	Each
Single Row Shielded Ball Brg. Swivel stud for sway bar; top shaft cylinder elevator; left and rear shaft cross conveyor; upper and tank unloader shaft.	GR1012	7206	-8	\$1.95
Single Row Shielded Ball Brg. Right end countershaft elevator to cylinder; Tightener pulley for cylinder drive belt; clutch pulley on tank unloader shaft; Left end Beater behind cylinder; Right end Tank Unloader shaft.	GL1179	7205	-6	1.55
Single Row Ball Bearing Lower end of shaft for Tank Unloader; Right end of countershaft for Knife Drive; Rear end left outside Table Roller; Idler sprocket stud for chain at right end of Table; Beater over Cross Conveyor.	N-1568	1204	-4	1.15
Single Row Ball Bearing Trans. Flywheel shaft 1941-46; Left end spline shaft driving left front wheel 1941-46; Main Wheel Inner; Right end of rear shaft in cross conveyor; Countershaft for Knife Drive 1944 up.	DV1595	1207	-10	2.35
Single Row Ball Bearing Right end of rear shaft in cross conveyor; Clutch shaft driving transmission; outer shaft driving transmission; Tightener pulley for Belt driving cylinder.	GA1773	1206	-6	1.85
Single Row Ball Bearing Right end Knife Pitman; Tightener Pulley Belt driving cross conveyor; Tightener sprocket for chain driving beater in front of cylinder; Fanning Mill shaft; Tightener for Belt driving Fanning Mill; Left end of Knife Pitman Auger Table; Upper end of crankshaft driving knife; Right end of Auger; Idler Pulley on Knife drive.	G3005	1205	-5	1.40
Single Row Shielded Ball Brg. Pipe shaft driving right wheel outer; Lower end of crankshaft driving knife auger table; Left end of spline shaft driving front wheel 1947 up; Shaft of flywheel for transmission 1947 up.	GB4589	7207	-12	2.55

CHAIN APPLICATIONS for Massey-Harris

Top quality standard brand roller chains, cut to exact length and fitted with connecting links, as required for the applications shown. Complete, ready to install, at usual Tractor Supply Bargain Prices.

Chain Application and Description, Number of Links and Size	Order Stk.No.	Wt. lbs.	Price EACH
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Roller Chains for "21" and "21A"

Following chains are used on both "21" (Canvas table) and "21A" (Auger table)

Main Wheel drive chain, 1943 up, 68 links 1" pitch.....	RC-8068	11	\$13.85
Main Wheel drive chain, 1941-42, 71 links 1" pitch.....	RC-8071	11 1/4	15.10
Cylinder drive double chain, 64 links 3/4" pitch double.....	RD-6064	10	16.37
Countershaft drive chain, Elev. to Cyl. 54 links 3/4" p.....	RC-6054	3 1/2	5.02
Chain for Table Lift, 1941-45, 16 links 3/4" Ext. pitch.....	RC-6316	2	2.93
Chain for Table Electric Lift, 40 links 3/4" Ext. pitch.....	RC-6340	5	7.01

Following chains are used on "21A" Auger table models ONLY

Shaft at rear of Auger table, 168 links 5/8" pitch.....	RC-50168	8	10.21
Top shaft drive chain Elev. to Cyl. 40 links 3/4" p.....	RC-6040	2 1/2	3.76
Auger Drive chain, 121 links 5/8" pitch.....	RC-50121	5 3/4	7.72
Tension Chain for Table Lift, 39 links 1" pitch.....	RC-8039	6	8.70

Following chains are used on "21" Canvas table models ONLY

Top shaft drive chain, Elev. to Cyl. 58 links 3/4" p.....	RC-5058	2 3/4	3.61
Beater over cross conveyor, Reel countershaft, and right end of Table drive chain, 109 links 5/8" pitch.....	RC-50109	5	7.00
3rd Roller in Cross conveyor drive, 30 links 5/8" p.....	RC-5030	1 1/2	1.93
Lower Roller (Rubber rolls) drive, 58 links 3/4" p.....	RC-6058	3 3/4	5.38

Roller Chains for "27" Combines

Main Wheel drive chain, 98 links 1" pitch.....	RC-8098	13 1/2	\$19.85
Roller chain driving Shaft at Rear of Table: 1950 only, 201 links 5/8" pitch.....	RC-50210	8 1/2	12.52
1951 and up, 198 links 5/8" pitch.....	RC-50198	8 1/4	12.01
Auger drive Chain, 121 links 5/8" pitch.....	RC-50121	5	7.72
Top shaft drive chain Elev. to Cyl. 40 links 3/4" p.....	RC-6040	3 3/4	3.76
Cylinder drive double chain, 64 links 3/4" pitch dbl.....	RD-6064	10	16.37
Chain for Table Lift, 39 links 3/4" Ext. pitch (1 1/2").....	RC-6339	3 1/2	6.84
Circular Conveyor drive chain, 27 links 3/4" Ext. p.....	RC-6327	3	4.70
Chain driving Lower Roller, 55 links 3/4" pitch.....	RC-6055	3 1/2	5.51

Steel Link Chains for "27"—See page 7 for Our Low Chain Prices

Gleanings Elevator Conveyor Chain uses 81 links #55 with 28 #55-SD for flights.
Grain Elevator Conveyor chain uses 97 links #55 with 33 #55-SD for flights.

Chains for S-P CLIPPER Combines

Complete Roller Chain Applications

Unloading Auger drive chain, 84 links 1/2" pitch.....	RC-4084	4	\$ 3.47
Auger drive roller chain, 99 links 5/8" pitch.....	RC-5099	4 1/4	6.40
Rubber roll attachment drive, 78 links 3/4" pitch.....	RC-6078	5	7.18

Steel Link Chain Applications for S-P—See page 7 for Our Low Prices

Auger drive uses 27 links #32 chain. — Scour Klean drive uses 34 links #32.
Return distributor uses 30 links #32. — Pickup Spreader uses 47 links #32.
Pickup drive uses 58 links #45. — Grain tank Unloader 77 links #45.
Grain Elevator conveyor, #8001 up, uses 86 links #55 with 29 links #55-K1.
Grain Elevator conveyor to #8000 uses 103 links #45 with 13 links #45-SD.
Return Elevator conveyor, #8001 up, uses 71 links #55 with 14 links #55-SD.
Return Elevator conveyor to #8000 uses 72 links #45 with 14 links #45-SD.

Chains for Model "26" 8' - 10' - 12'

Cylinder drive double chain, 66 links 3/4" pitch dbl.....	RD-6066	11	\$16.87
Chain driving Auger, 121 links 5/8" pitch.....	RC-50121	5 3/4	7.72
Chain driving shaft at Rear of Auger Table, 1949 and up, 179 links 5/8" pitch.....	RC-50179	7 1/2	11.20
Top shaft drive chain, Elev. to Cyl. 40 links 3/4" p.....	RC-6040	2 1/2	3.76
Main Wheel drive chain, 1948-49, 86 links 1" pitch.....	RC-8086	12	17.45
Main Wheel drive chain, late '49 up, 93 links 1" p.....	RC-8093	13	19.50
Lower Rubber Roll drive chain '49 up, 55 links 3/4" p.....	RC-6055	3 1/2	5.51
Circular Conveyor drive chain, 27 links 3/4" Ext. p.....	RC-6327	3 3/4	4.70
Tension chain Table Lift Spring, 29 links 1" pitch.....	RC-8029	4	6.70
Chain for Table Lift, 37 links 3/4" Ext. pitch.....	RC-6337	3 1/2	6.50

Steel Link Chain Applications for "26"—See page 7 for Our Low Prices

Chain driving Reel uses 80 links #45. — Dbl. sprocket driving Reel 44 links #45.
Return Elevator Chain uses 79 links #55 with 26 links #55-SD for flights.
Clean Grain Elevator Chain uses 84 links #55 with 33 links #55-SD for flights.

Your Satisfaction Guaranteed On Each Transaction!

SAVE NOW!

Parts for IHC Combines

GUARDS—SECTIONS for IHC

TRIPLE GUARD—For IHC combines 42, 52, 60, 61, 62, SP-123. Repl. IHC 1457KA. Stk. No. X-312. 3 lbs. Ea., **\$1.25**

GUARD PLATES—For IHC combines 42, 52, 60, 61, 62, SP-123. Stk. No. X-412. 3 lbs. BOX of 25, **\$2.29**

SECTIONS—Underserrated, for IHC combines 42, 52, 60, 61, 62, and SP-123. Repl. IHC MA1389, 49896K, 24979K. Stk. No. X-212. 5 lbs. BOX of 25, **\$2.35**

Chain Applications for IHC123-SP Combine

ROLLER CHAINS

Chain Application and Description Number of Links, Size, and Mfrs. Part No.	Order Stk.No.	Wt. lbs.	Price EACH
Main Drive Chain for 9x24 tires, 13 tooth sprockets, 89 links 1" Heavy pitch.....	RC80H89	16 1/4	\$20.58
Main Drive Chain for 9x24 tires, 17 tooth speed sprockets, 92 links 1" Heavy pitch.....	RC80H92	16 3/4	20.53
Main Drive Chain for 13.50x28 tires, 81 links 1 1/4" pitch.....	RC10081	42	32.04
Platform Balance Chain, 58 links 1" Heavy pitch.....	RC80H58	11	13.05
Cylinder Drive Double Roller Chain, Reg. speeds, 122 links 5/8" pitch Double strand.....	RD-50122	11 1/2	17.39
Feeder Elevator Drive, 150 links 3/4" Heavy pitch.....	RC60H150	11 1/2	15.94
Platform Drive, 169 links 3/4" pitch.....	RC50169	8	10.61
Feed Conveyor Drive, 95 links 5/8" pitch.....	RC5095	4 1/2	6.16
Straw Rack and Shaker Drive, 164 links 5/8" pitch.....	RC50164	7 1/2	9.97

STEEL LINK CHAIN SIZES

Reel Drive Chain is #55 steel, uses 62 links..... Per 10' roll (74 links) **\$2.65**

Platform Auger Feeder Chain, Right. #55 steel, 42 links..... Per 10' roll (74 links) **2.65**

Platform Auger Feeder Chain, Left. #55 steel, 54 links..... Per 10' roll (74 links) **2.65**

Straw Rack to Tailings Elevator. #55 steel, 100 links..... Per 10' roll (74 links) **2.65**

Tailings Elevator Conveyor uses #55 steel chain, 99 links..... Per 10' roll (74 links) **2.65**

Clean Grain Elevator uses #55 steel chain, 147 links..... Per 10' roll (74 links) **2.65**

Chain Applications for IH Model 62 Combine

ROLLER CHAINS

Feed Beater Drive Chain, 98 links of 5/8" EP roller chain, 1 1/4" pitch.....	28926K.....RC-5298	9 1/2	\$ 9.96
Cylinder Beater, Shaker Shaft, Fan Drive, 94 links of 5/8" EP roller chain, 1 1/4" pitch.....	20419K.....RC-5294	9	9.56
Feed Conveyor Drive Chain, 62 links of 5/8" EP roller chain, 1 1/4" pitch.....	20417K.....RC-5262	6	6.36
Straw Rack Drive Chain, 59 links of 5/8" EP roller chain, 1 1/4" pitch.....	20416K.....RC-5259	5 3/4	6.38

STEEL LINK CHAIN SIZES

Reel Drive Chain is #32 steel link, uses 79 links..... Per 10' roll (104 links) **\$2.20**

Ground Driven Reel is #55 steel link, uses 66 links..... Per 10' roll (74 links) **2.65**

Grain Elev. and Tailings Elev. is #55 steel chain, 96 links..... 10' roll (74 links) **2.65**

Parts for ALL MODELS of Combines

Chain Applications for COCKSHUTT 112, 115

Chain Application and Description Number of Links, Size, and Mfrs. Part No.	Order Stk.No.	Wt. lbs.	Price EACH
Feeder Drive Roller Chain, 41 links 3/4" pitch.....	HXS-83.....RC-6041	2 1/2	\$4.25
Feeder Countershaft Drive Roller Chain, 110 links 3/4" pitch.....	HXS-80.....RC60110	7	10.06
Cylinder to Beater Drive Chain, 62 links 3/4" pitch Double chain.....	TXS-46.....RD-6062	8	16.37
Add to above for speed unit, 14 links.....	RD-6014	1 3/4	3.87
Drive Chain for Rubber Rollers, 73 links 3/4" pitch.....	VXS-38.....RC-5073	3 1/2	5.04
Main Wheel Drive Chain, 69 links 1" pitch.....	FSX-19.....RC-8069	11	14.72
Feeder Carrier Chain, use #62 steel link chain.....	Per 10' roll (73 links)		\$3.65
Elevator Chain, use #55 steel link chain.....	Per 10' roll (74 links)		2.65

Chain Applications for GLEANER BALDWIN

1936 to date

Main Drive Chain from Motor, 5/8" pitch Double, 108 3/4" long.....	RD50-174	17	\$24.67
Harvester Drive Chain, 5/8" pitch, 58 3/4" long.....	RC50-94	4 1/2	5.77
Separator Drive Chain, 1" pitch, 94 1/2" long.....	RC80-95	14 1/2	19.92
Separator Chain, L.H., 3/4" Ext. pitch, 127 1/2" long.....	RC63-85	9 1/2	15.09
Separator Chain, R.H., 3/4" Ext. pitch, 138" long.....	RC63-92	10	15.85
Grain Conveyor Drive Chain, 3/4" Ext. pitch, 72" long.....	RC63-48	6	8.37
Cylinder Drive Chain, 1" pitch, 90" long.....	RC80-90	14	18.27
Thresher Beater Drive Chain, 5/8" pitch, 43 3/8" long.....	RC50-69	3 1/2	4.66

Chain Applications for WOODS #16 Combine

Reel Drive Chain is #32 steel link chain, uses 69 links.....	Per 10' roll (104 links)		\$2.20
Ground Drive Reel Conversion is #55 steel, uses 59 links.....	Per 10' roll (74 links)		2.65
Riddle Assembly is #55 steel link chain.....	Per 10' roll (74 links)		2.65
Above uses 55A2R and 55A2L attachment links.....	Per 10' roll (74 links)		2.65
Grain Elevator Chain is #55 steel link.....	Per 10' roll (74 links)		2.65
Return Elevator Chain is #55 steel link.....	Per 10' roll (74 links)		2.65
Auger Head Drive Chain is #55 steel link.....	Per 10' roll (74 links)		2.65

STEEL Chain Applications for DEERE 11A, 12A

Reel Drive (AP10396H) is #55 steel link chain, 44 links.....	Per 10' roll (74 links)		\$2.65
Reel Jackshaft (AP10397H) is #32 steel link, 155 links.....	Per 10' roll (104 links)		2.20
Unloading Auger Drive Chain (AP12600H) is #32 steel link chain, uses 23 links.....	Per 10' roll (104 links)		2.20
Conveyor Chain is #45 steel link.....	Per 10' roll (74 links)		2.50

CYLINDER BARS for SP-123, SP-125



TOUGH, LONG-WEARING MALLEABLE

Malleable is unexcelled for long wearing qualities in tough applications like in the rasp bars of combine cylinders. Now you can install these premium construction bars in your SP-123 or SP-125 combine and still actually save about \$7.00 per set.

Long wearing malleable rasp bars for the cylinders on All IHC combines models 123-SP and 125-SP. For All Grain crops, not for Rice.

Your combine cannot thresh properly with worn or damaged bars, so be sure to replace the old bars promptly when necessary. Balance is important in the smooth functioning of your combine cylinder. If one bar is damaged and needs replacing, be sure to install a new bar directly opposite on the cylinder. When any bars show marked wear, install a full set of 8, four rights and four lefts. Repl. IHC part no. 28480K (pair) and 28481K (set of 8).

Full set of 8 bars, 4 rights and 4 lefts, complete for one combine. Stk.No.U-12. 42 lbs..... **\$19.45**

BEARINGS for IHC 123-SP Combines

Bearing Application	Type	Mfr. No.	Stk. No.	lbs. -oz.	Each
Main Drive Wheels, Outer	Cone Cup	11995H 13207D	435 432	1-4 -14	\$3.79 1.95
Main Drive Wheels, Inner	Cone Cup	105503H 105496H	28682 28622	1-8 -10	3.10 1.75
Rear Guide Wheels, Outer	Cone Cup	ST771 ST869	2878 2820	-12 -8	1.85 1.10
Rear Guide Wheels, Inner	Cone Cup	ST882 ST781	3425 332	-14 -8	2.25 1.15
Steering Worm Shaft	Ball	23850D	1305	-9	2.10
Separator drive brg. cap	Ball	ST206	1308	1-8	3.95
Separator drive Bevel Gear	Ball	ST205A	1207	-10	2.35
Separator drive Shaft	Ball	23356D	1307	1-0	2.95
Drive Pinion Shaft, Inner	Cone Cup	27546A 30477V	3193 3120	-13 -9	2.35 1.35
Diff. and Drive Axle, Inner	Cone Cup	52840V 52839V	358 354	-12 -7	2.45 1.45
Trans. Main Shaft, Front	Ball	23356D	1307	1-0	2.95
Trans. Main Shaft, Rear	Ball	18507D	1209	1-2	3.35
Plat. Auger Drive Shaft	Roll.	1359	P701	-3	.43
Feed Conveyor Drive Roller	Roll.	M85097	94532	-3	.85
Clean Grain Auger	Roll.	1359	P701	-3	.43
CYLINDER Shaft	Ball	ST206	1308	1-8	3.95

BEARINGS for COCKSHUTT SP-112, 115

Bearing Application	Type	Mfr. No.	Stk. No.	lbs. -oz.	Each
Front Wheels, Inner	Cone Cup	FXS16 PI0253	3780 3720	1-8 1-0	\$3.25 1.85
Front Wheels Outer and Rear Axle Upright	Cone	P7923	3383	1-0	2.60
Rear Wheels, Inner	Cone Cup	FXS38 DXO 26	14137A 14274	-8 -5	1.49 .55
Rear Wheels, Outer	Cone Cup	FXS41 FXS40	09078 09196	-4 -4	.98 .39
R. H. Idler Differential Transmission Rear	Ball	AXS 1 AXS26	1303 1307	-5 1-0	1.50 2.95
Trans. Clutch Shaft Inner	Ball	DXS73	1207	-10	2.35
Trans. Drive Shaft	Ball	DXS74	1206	-6	1.85
Trans. Drive Shaft & Diff. Gear	Ball	DXS75	1209	1-2	3.35
Power Takeoff Shaft	Ball	G1024	1208	-14	2.65
Cylinder, Same both ends	Ball	M1322	1308	1-8	3.95
Unloader Auger; Trans. Clutch Shaft Outer; Sickle Pitman Bell Crank outer; Pitman drive sheave front; Shoe Pitman front; Rubber Roller lower; Front Beater Tightener	Ball	FXS40 DXO 64	09196 7206	-4 -8	1.95
Pitman drive sheave inner	Ball	HXS78	1204	-4	1.15
Right side Conveyor and Right side Platform Auger	Ball	M1321	1307	1-0	2.95
Pipe Shaft R.F. Wheel outer, and Diff. Bevel Gear	Ball	MXO 65	7207	-12	2.55
Rear Beater; Fan Shaft; Fan Drive and Cyl. Drive Tighteners	Ball	M1322	1208	1-8	3.95

SECTIONS for DEERE Models 11A, 12A Combines

Serrated Sections for Deere 11A, 12A, use for Deere nos. Z7029H or Z5654H. Stk.No.X-227. BOX of 25, **\$2.19**



REGULAR MOWER GUARDS

Regular Malleable guards, tough and long wearing malleable iron, like originals. Serrated cutting plate riveted, ready to use. Ship. Wt. Ea. 1 1/2 lbs.

63c
Ea.

Make & Model	Year	Repl. Mfr. No.	Our Stk. No.
For J. I. Case, Osborne	1934 up	MT777	X324
For Allis Chalmers	All	300740	X319
For John Deere	1913 up	Z463	X322
For Deering	1904-1926	D698	X321
For McCormick	Up to 1910	M462	X323
For IHC McCormick-Deering	1911 up	MD989	X320
For Massey-Harris	1916 up	L-215	X318

MALLEABLE ROCK GUARDS

Heavier construction than Regular Guards above. Made of tough Malleable iron, especially suitable for cutting over stony, rough ground. Each with serrated ledger plate, ready to use. Ship. Wt. Ea. 1 3/4 lbs.

79c
Ea.

For IHC McCormick-Deering 1926 to date.	
Repl. Mfr's No. M2041 or MD989 (full guard)	X336
For above. I used next to inner shoe. Repl. M2042	X337
For above. I used next to outer shoe. Repl. M2043	X338

FORGED STEEL ROCK GUARDS

Extra Heavy Duty Rock Guards, forged steel construction, for longer life under extreme cutting conditions. Almost indestructible, will outlast ordinary malleable guards for heavy cutting, use in rocky soil, and other tough operations.

89c
Ea.

For IHC McCormick Deering, works for M2041 or MD989	X340
For John Deere. Repl. Z591, Z2131, Z439, Z463	X340
For Dearborn. (Models 14-1, 14-2, 14-3, 14-4, 14-9, 14-10 14-15, 14-16 all mowers 1947 up, repl. 141009)	X348
For Detroit, 1947 & up. Repl. N12, N12A	X348
For Ferguson, 1947 & up. Repl. PEO1245, N12	X348
For New Idea, 1937 & up. Repl. 50HS3	X349

SERRATED LEDGER PLATES

\$1.98
Box
Of 25

Serrated Ledger Plates that fit perfectly on Guard Stk. Nos. Listed.

Mower Make & Model	For Our GUARD No.	Stk. No.
For McCormick-Deering	X320, X336	X420
For McCormick	X323	X423
For Deering	X321	X421
For Deere	X322	X422
For Case	X324	X424



GUARD BOLTS

Steel guard bolts with correct head style, in choice of two lengths: Long—for guard and clip; Regular for guard only.

9c
Ea.

Either Length

For Guards X320, X322, X324, X337, X338, X340, X349	LONG—Stk. No. X350. REGULAR—Stk. No. X351
For Guards X321	LONG—Stk. No. X352. REGULAR—Stk. No. X353

RIVETS—No. 6 gauge rivets with thick oval heads

—For sections, guard plates

Section Rivets. Stk. No. X-360. 1 lb.	39c
Guard Rivets. Stk. No. X-361. 1 lb.	39c
Assorted Rivets. Stk. No. X-362. 1/2 lb.	30c



MOWER CONVERSION HITCH

Converts old mower to tractor type. Simply cut off old mower tongue, drill 2 holes, connect attachment to sickle and it is ready to use. Cuts full swath and clean square corners. SHIPPED COLLECT from your nearest store.

Stk. No. X1037. Ship. Wt. 38 lbs. Ea. **\$12.95**

Precision MOWER PARTS

Guards—Guard Plates—Sections

Make your Tractor Supply Farm Store your headquarters for all your mower needs. All parts are fully guaranteed to both fit perfectly and give service to your complete satisfaction. Check these two pages carefully. When possible, visit your nearest Tractor Supply Farm Store and let our experienced, helpful managers and clerks help you select the parts that will give you longer service—at a greater savings. Come in the next time you are in town!

ALLOY STEEL SECTIONS

Manganese alloy steel mower sections, heat treated and honed to maintain sharp cutting edges. Backs ground to flat, smooth surface for perfect alignment. Order by "Stk. No." in your choice of smooth or under-serrated (rough). Regular mower sections are standard 14 gauge thickness. Extra Heavy sections are thicker 12 gauge, for greater strength and longer wear. Aver. ship. wt. 5 lbs. per box.



STANDARD 14 Gauge Thickness

Make and Model Mowers	Size in Inches	Mfr. No.	SMOOTH \$1.98		ROUGH \$2.19	
			Box of 25	Stk. No.	Box of 25	Stk. No.
For Champion 1911 & up	3x3 1/4	MB333	X220	ME333	X225	
For Avery (Ward)	3x3 1/4	MB333	X220	ME333	X225	
For Bradley (Sears)	3x3 1/4	D1140	X221	C1864	X226	
For Deere, 1919 & up	3x3 1/4	Z5571	X222	Z7029	X227	
For Deering, 1893 & up	3x3 1/4	D1140	X221	C1864	X226	
For Dearborn, 14-1, 14-2, 14-3, 14-4, 14-9, 14-10, 14-15, 14-16, 1947 & up	3x3 1/4	141682	X219	141113	X230	
For Detroit, 1947 & up	3x3 1/4	O53	X219	O84	X230	
For Ferguson, 1947 & up	3x3 1/4	PEO1235	X219	PEO1234	X230	
For IHC McCormick-Deering, 1911 & up	3x3 1/4	MB333	X220	ME333	X225	
For McCormick up to 1910	3x3 1/4	M333	X-221	MA333	X226	
For Massey-Harris, 1920 & up	3x3 1/4	M2492	X208	L1262	X236	

EXTRA HEAVY DUTY SECTIONS 12 Gauge Thickness

Made of the same High Quality Manganese alloy steel as above, but in 12 gauge thickness for greater strength and longer wear. Choice of smooth or underserrated (rough).

Make and Model Mowers	Size in Inches	Mfr. No.	SMOOTH \$2.25		ROUGH \$2.45	
			Box of 25	Stk. No.	Box of 25	Stk. No.
For Allis Chalmers, all	3x3 1/4	300737	X209	300738	X237	
For J. I. Case, Osborne, 1934 & up	3x3 1/4	MT590	X224	MT9445	X229	
For Dearborn, 14-1, 14-2, 14-3, 14-4, 14-9, 14-10, 14-15, 14-16, 1947 & up	3x3 1/4	141682	X239	141113	X250	
For John Deere, 1910 & up	3x3 1/4	Z4451	X242	Z7039	X247	
For Detroit, 1947 & up	3x3 1/4	O53	X239	O84	X250	
For Ferguson, 1947 & up	3x3 1/4	PEO1235	X239	PEO1234	X250	
For IHC McCormick-Deering, 1911 & up	3x3 1/4	MB333	X240	ME333	X245	
For New Idea, 1937 & up	3x3 1/4	O122	X238	OUI22	X258	

PITMANS and Pitman Boxes



Pitmans are made of select hickory, fully ironed and ready to attach. Pitman boxes are improved hard oil type, better than originals.

For All McCormick and McCormick Deering Mowers, 1892 to date. PITMAN, repl. M-392. #X-550. \$3.65 — Pitman Box, ME317... #X-570. 98c

For All Deering Mowers, 1901-26. 38 3/8" Long PITMAN, repl. D2907. #X-551. \$3.65

For Deere, Deere-Dain, 1922 to date, 42 1/4" Long PITMAN, repl. Z5662. #X-552. \$3.65



AUTOMATIC PITMANS

Complete Pitman with resilient plate box end and automatic knife head end to fit McCormick Deering mowers.

For No. 7 and Big 7 mowers 1932-40; No. 7 Trailer Mowers 1932 up. Repl. MA22407 (Illustrated above). Stk. No. X-556. Ea. \$6.95

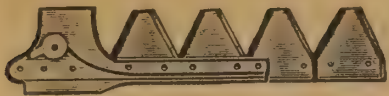
For No. 10A, 16A and 16B Farmall Mowers 1929 up. Repl. No. M22209. Stk. No. X557. Ea. \$6.95

For No. 10 (Narrow Track) Farmall Mower 1929 up. No. 12 Farmall Mower 1934 up. No. 112 Tractor Mower 1934 up. Repl. No. M22333. Stk. No. X-558. Ea. \$6.95

COMPLETE PITMAN WITH CONVENTIONAL BOX END

Automatic knife head end. Fits McCormick Deering No. 6 and Big 6 (less box). For MA1582, 1921-32. Also M392 (Not Illustrated). Stk. No. X-555. Ea. \$4.50

Fast Counter Service By Farm Machinery Specialists!



Precision

MOWER PARTS

MOWER KNIVES

Complete with knife head and sections riveted, ready to use. Choice of smooth or Under-Serrated section. 7' knives are shown with choice of standard 14 gauge or Extra Heavy 12 Gauge Sections.

For IHC McCORMICK DEERING Mowers

All Models, 1917 to date, with steel head #MA-139

5' Knife with 20 Smooth 14 gauge sections.....	Stk.No.X-451. 12 lbs. Each, \$4.95
5' Knife with 20 UnderSerrated 14 gauge sections.....	Stk.No.X-461. 12 lbs. Each, 5.30
5' Knife with 24 Smooth 14 gauge sections.....	Stk.No.X-456. 13 lbs. Each, 5.30
6' Knife with 24 UnderSerrated 14 gauge sections.....	Stk.No.X-466. 13 lbs. Each, 5.85
6' Knife with 28 Smooth 14 gauge sections.....	Stk.No.X-457. 14 lbs. Each, 6.15
7' Knife with 28 Smooth Extra Hvy. 12 ga. sections.....	Stk.No.X-485. 15 lbs. Each, 6.45
7' Knife with 28 UnderSerrated 14 gauge sections.....	Stk.No.X-467. 14 lbs. Each, 6.45
7' Knife with 28 UnderSerrated Hvy. 12 ga. sections.....	Stk.No.X-490. 15 lbs. Each, 6.85

For DEERING Mowers

1904-1912, with Malleable head #D-463

5' Knife with 20 Smooth 14 gauge sections.....	Stk.No.X-452. 12 lbs. Each, \$3.95
5' Knife with 20 UnderSerrated 14 gauge sections.....	Stk.No.X-462. 12 lbs. Each, 4.25

1905-1926, with Steel head #DA-920

5' Knife with 20 Smooth 14 gauge sections.....	Stk.No.X-454. 12 lbs. Each, \$4.25
5' Knife with 20 UnderSerrated 14 gauge sections.....	Stk.No.X-464. 12 lbs. Each, 4.59

For DEERE Mowers

All Models 1923 to date, with AZ955 Steel Head

5' Knife with 20 Smooth 14 gauge sections.....	Stk.No.X-470. 12 lbs. Each, \$4.95
6' Knife with 24 Smooth 14 gauge sections.....	Stk.No.X-471. 13 lbs. Each, 5.30
6' Knife with 24 UnderSerrated 14 gauge sections.....	Stk.No.X-481. 13 lbs. Each, 5.85
7' Knife with 28 Smooth 14 gauge sections.....	Stk.No.X-472. 14 lbs. Each, 5.95
7' Knife with 28 Smooth Extra Hvy. 12 ga. sections.....	Stk.No.X-486. 15 lbs. Each, 6.45
7' Knife with 28 UnderSerrated 14 gauge sections.....	Stk.No.X-482. 14 lbs. Each, 6.45
7' Knife with 28 UnderSerrated Hvy. 12 ga. sections.....	Stk.No.X-491. 15 lbs. Each, 6.85

All Deere Models 1895-1922 with Z45 iron head

5' Knife with 20 Smooth 14 gauge sections.....	Stk.No.X-455. 12 lbs. Each, \$4.25
5' Knife with 20 UnderSerrated 14 gauge sections.....	Stk.No.X-465. 12 lbs. Each, 4.59

For FERGUSON, DEARBORN, DETROIT

Knives with Forged Steel Ball Type Head (With Ball). Replaces Ferguson #6PEO 12518 (rough); Detroit #N86 (smooth), N86S (rough); Dearborn #140409 (smooth) 140017 (rough). Models 14-3, 14-4.

6' Knife with 24 smooth 14GA Sections. Stk.No.X458. Wt. 13 lbs.....	\$7.95
6' Knife with 24 underserrated 14GA Sections. Stk.No.X-468. Wt. 13 lbs.....	\$8.45
6' Knife with 24 smooth 12GA Sections. Stk.No.X487. Wt. 14 lbs.....	\$8.50
6' Knife with 24 underserrated 12GA Sections. Stk.No.X492. Wt. 14 lbs.....	\$8.95

MOWER BELTS

For ALLIS CHALMERS MOWERS

Model B tractor mower. (307830). 7/8"x54 1/4". Stk.No.B-255.....	\$2.70
Model WC tractor mower. (311077). 29/32"x42 3/4". Stk.No.B-294.....	\$2.70

For IHC MOWERS

Models 16A, 16B, 16H, 16M, and 25V tractor mowers, drive belt. (M32812). 29/32"x52 1/4". Stk.No.B-295.....	\$3.25
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For DEARBORN MOWERS

Main Drive belt for Models 14-1, 14-2, 14-9 and 14-10. Rear attached mowers. Repl. Dearborn #141678. 2 USED. 25/32"x40 5/8" size. Stk.No.B-270. Wt. 1 lb. Ea. \$2.19	
Rear Drive Belt for Models 14-3, 14-4 side mounted mowers. Repl. Dearborn #140022. 2 USED. 7/8"x54 1/4" size. Stk.No.B-255. Wt. 1 lb.....	Ea. \$2.65
Main Drive belt for models 14-15, 14-16 rear attached mowers. Repl. Dearborn #142689. 1 USED. Stk.No.B-63. Wt. 1 lb.....	Ea. \$1.70

For HARRY FERGUSON (Ford) Mowers

Main Drive Belt for Model AED-A-20 1946-47. Repl. #AEOA-1531. 2 USED. 25/32"x40 5/8" size. Stk.No.B-270. Wt. 1 lb.....	Ea. \$2.19
Main Drive Belt for Models (Ford) Model N 1940-42. N-110-B 1940-44 and N-1110-A 1942. Repl. #49E. Also fits Mower PEO-20, PEO-21. Repl. #PEO-1531. 2 USED. 7/8"x54 1/4" size. Stk.No.B-255. Wt. 1 lb.....	Ea. \$2.65

For J. I. CASE Mowers

Main Drive Belt for Model 15. Repl. #15076. 2 USED. 25/32"x40 5/8" size. Stk.No.B-270—Wt. 1 lb.....	Ea. \$2.19
Main Drive Belt for Model A. Repl. #MT-623-S. 7/8"x54 1/4" size. Stk.No.B-255—Wt. 1 lb.....	Ea. \$2.65

GRAIN SAVER GUARDS



Adjustable—will fit all makes of binders, mowers and combines with vertical bolts. Tension spring returns guard to normal position after it strikes obstruction. Made of long-lasting malleable iron.

Stk. No. X-127—Wt. 3 lbs.....	Ea. \$1.60
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FIX-ALL CANVAS CEMENT



The All-Purpose Adhesive that miraculously mends all kinds of cloth, canvas, wood, glass, etc.—anything except rubber. For indoor or outdoor use.

Weatherproof—Waterproof—Oilproof.

Makes a permanent, low cost repair.

Stk. No. 20A60—6 oz. Bottle

65¢

Full Length WEAR PLATES

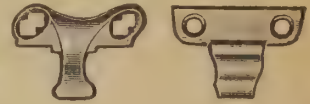
Fits all standard mowers. New all one-piece, full length plate to replace individual plates. Gives full length bearing to knife, which keeps out trash, provides more even cutting, stops sagging, decreases draft.



For 6 FT. MOWERS. Wt. 3 lbs.....	Ea. \$1.95
For 7 FT. MOWERS. Wt. 3 1/2 lbs.....	Ea. \$2.50

KNIFE and SICKLE CLIPS

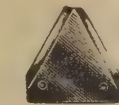
20¢
Each



Fits These Machines

	Mfrs.No.	Our Stk.No.
For McCormick 4, New 4, Big 4, New Big 4 up to 1910...	M463 or M1000	X503
For McCormick 6, Big 6, (used with MA139 head) and MD989 Guard; Also fit McCormick-Deering.....	MD1000 or MF1000	X500
For Deering, Ideal, Ideal Giant, New Ideal.....	F94	X501
For Deere, all mowers 1925 & up. Also used for Mfg's #26, 25450 or 25628.....	Z606 141007 PEO12310 N4A	X502 X503

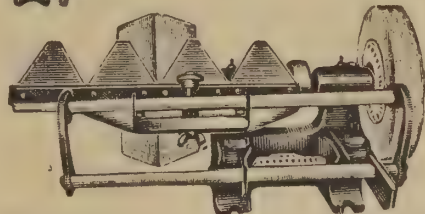
SWATHER Sections & Guards



SECTION #Z-255 — For all McCormick-Deering tractor binder & IHC Windrower #120, 1947 & up. Size 3"x2 1/2". With serrated top.

Stk.No.X-202—Ship. Wt. 5 lbs.....Box of 25 \$2.25

GUARDS HB495—For all McCormick-Deering Binders, 1924 & up & IHC Windrower #120, 1947 & up. Stk.No.X-302—Ship. Wt. 1 lb.....Ea. 49¢



HEAVY DUTY WISSOTA POWER SICKLE AND TOOL GRINDER

Fitted with high speed ball-bitted bearings. Size of arbor shaft is 14"x3/4" with 5/8" threaded ends. Equipped with pulley 2 1/4"x2 1/4" diameter

crowned for flat and grooved for "A" Type V belt. Pressure type grease fitting. Sickle cone size 7"x3 1/2". Tool wheel 7"x1 1/4". Sickle cone and tool wheel fully vitrified and tested. Recommended speed 2400 RPM. (Grinder complete less sickle holder. Order sickle holder separately below.)

Stk.No.2E80—Wt. 24 lbs..... \$12.75

SICKLE HOLDER

Sickle Holder for above or any Wissota sickle grinders. Recommended for 5' or smaller sickle bars. Sickle clamp is roller type insuring smooth, easy adjustment of sickle. Six sections may be sharpened per one clamping. Stk.No.2E81—Wt. 6 lbs. \$4.35

EXTRA LONG HEAVY DUTY SICKLE HOLDER

Same as above except this holder will sharpen a 5' sickle bar without reclamping and a 7' sickle with only one reclamping. Ideal for binder or combine sickles. Stk.No.2E82. \$9.95

Wt. 15 lbs.

REPLACEMENT GRINDING WHEELS

Fits #2E80 grinder above and all other grinders with 5/8" shaft, 7"x3 1/2" size. High quality, fully vitrified abrasive stone. Stk.No.2E83—Wt. 3 lbs. \$4.50

REGULAR ABRASIVE WHEEL

Fits #2E80 grinder above and all other grinders with 5/8" shaft, 7"x1 1/4" size. High quality, fully vitrified. Stk.No.2E84—Wt. 2 lbs. \$3.85

QUICK CLAMP

For Flanged Pipes

Instantly clamps or unclamps on any flanged pipe as on Blowers, Grinders, Hammermills, Silo Fillers, etc. Adjustable diam. from 5" to 8".

Wraps around flange connection. Tightens with wing nut. Saves hours of time wasted using conventional nuts and washers. Made of cast aluminum, cannot rust.

Stk.No.18A99—Ship. Wt. 2 lbs.....



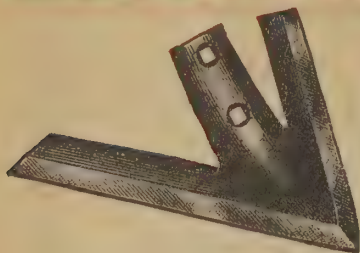
Only \$2.85

Why Pay More? Buy From TRACTOR SUPPLY for Less!

High Speed CULTIVATOR SWEEPS

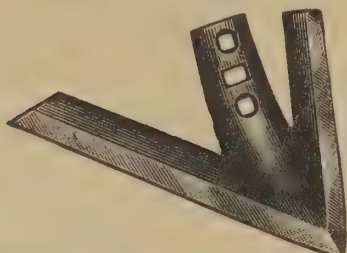
SAVE up to 1/3 on High Speed Sweeps

FOR FAST TRACTOR CULTIVATING



2 Hole Pattern

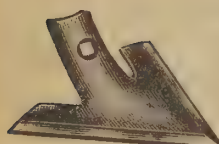
Stems with 2 holes on 2 1/4" centers, for all standard cultivators such as IHC, Allis Chalmers, Ford, Case, Moline, Massey Harris, etc. in all areas except the Southwest.



3 Hole Pattern

Stems with 3 holes as pictured, for all standard cultivators, generally preferred by customers in the Southwest, Texas, Oklahoma, Kansas.

1 HOLE SWEEPS for DEERE



Same quality construction features as the two hole mounting types listed above, but with special shank and single bolt hole as required for most Deere cultivators. Low flat crown, moves just beneath the surface killing all the weeds but will not throw dirt regardless of speed of tractor.

COMPLETE SET of 11 Sweeps
4 half sweeps and 7 full sweeps, all in popular 8" pattern.

Stk. No. 17A17. 15 lbs. SET, \$8.45
BOLT SET for Above
Set of 11 correct bolts for Deere. Stk. No. 17A25. 3 lbs. SET, 95c

BOLTED TRACTOR SHOVELS

Isothermal Heat Treated for Added Strength and Longer Wear



For Slotted Shank Cultivators. Full Polished Faces. High speed design for tractor cultivation. Reinforced point, narrow neck, full cutting edges, light draft. Sharpened and set ready for use. Can be bolted to practically any stiff tooth type field cultivator or tiller. Two countersunk bolt holes on 2" centers for 3/4" plow bolts.

CRUCIBLE STEEL TYPE

Hard alloy steel, unexcelled for long wear. Supplied without bolts.

4"x7"x3/4"—Stk. No. 17A82. 1 1/2 lbs. EACH, 70c
5 1/2"x8 1/2"x3/4"—Stk. No. 17A83. 2 lbs. EACH, 80c
6 1/4"x9"x3/4"—Stk. No. 17A85. 2 1/2 lbs. EACH, 89c

SOFT CENTER STEEL TYPE

Low carbon alloy steel thoroughly heat treated with stems annealed. Gives an excellent outer wearing service, resilient centers resist shock and breakage. Supplied WITH bolts.

5 1/2"x8 1/2"x3/4"—Stk. No. 17A84. 2 lbs. EACH, \$1.59
6 1/4"x9"x3/4"—Stk. No. 17A86. 2 1/2 lbs. EACH, \$1.75

REVERSIBLE TOOTH POINTS

Isothermal Heat Treated for Added Strength and Longer Wear

For all general cultivating purposes. High carbon steel, points sharpened and set, ready to use. Order the correct size and type for your cultivator. Bolts not furnished.



SIZE 1 1/4"x11"x1/4". Two holes for 3/8" bolts on 1 1/4" centers as used on Case, Deere, Oliver, etc. Stk. No. 17A71. Ship. wt., 1 lb. Each 55c

SIZE 1 1/2"x11"x1/4". Two holes for 3/8" bolts on 1 1/4" centers as used on IHC, Allis Chalmers, Ford-Ferguson, etc. Stk. No. 17A72. Ship. wt., 1 lb. Each 55c

SIZE 2"x8"x3/4". Two holes for 3/8" bolts, as used on IHC, Case, Oliver and other spring tooth attachments. Corresponds to IHC part No. F-14280. Stk. No. 17A73. Ship. wt., 1 1/4 lbs. Each 59c

SIZE 2"x10 1/2"x3/4". Two holes for 3/8" bolts, as used on many popular makes of stiff tooth cultivators. Stk. No. 17A75. Ship. wt. 1 1/2 lbs. Each 63c

SIZE 2 1/2"x10 1/2"x3/4". Two holes for 3/8" bolts, as used on IHC, Case A-C, Oliver, and other stiff tooth attachments. Corresponds to IHC part No. F-11056. Stk. No. 17A74. Shpg. wt., 1 1/2 lbs. Each 65c

These cultivator sweeps are especially designed for fast tractor cultivation. The extra flat crown prevents throwing dirt over the growing crop. The rounded crown insures free scouring, gives you clean sweeps at all times. Sweeps hold suction, giving uniform cultivation depth, getting all the weeds while leaving a smooth top mulch to hold moisture. Weeds and trash cannot drag, and the ground is ridge free for easy corn picker operation later on.

3/16" Carbon Steel—Fully Ground—Knife Sharp Edges
Made of select high carbon steel of exacting formula, Trasco sweeps are custom made for us by a major supplier of agricultural steel shapes, long experienced in supplying original equipment and replacements. Will withstand wear and abrasion longer in all kinds of soil, no splitting or curling, and scour cleanly and retain keen cutting edges. Factory sharpened and set, shipped to you ready to use without additional sharpening. Just about the most universally used pattern for general tractor cultivating, same as furnished with many new cultivators. The low angle and pitch of the wings, in conjunction with the long low crown prevents the throwing of dirt at any reasonable tractor cultivating speed. Priced lower in Complete Sets.

COMPLETE 11 PC. SWEEP SETS

SMALL SIZE—ALL 8" Set includes 7 full sweeps and 4 half sweeps. Stk. No. 17A12—Wt. 16 lbs. SET \$9.25
MEDIUM SIZE—8" & 10" Set includes 4 full 8", 3 full 10", 4 half 8". Stk. No. 17A10—Wt. 19 lbs. SET \$9.50
LARGE SIZE—8"—10"—12" Set includes 4 full 10", 3 full 12", 4 half 8". Stk. No. 17A1—Wt. 23 lbs. SET \$9.95

INDIVIDUAL SWEEPS

8" RIGHT HALF SWEEP Stk. No. 17A2 Wt. 1 1/4 lbs. Each \$0.85
8" LEFT HALF SWEEP Stk. No. 17A3 Wt. 1 1/4 lbs. Each .85
4" FULL SWEEP Stk. No. 17A8 Wt. 1 lb. Each .75
6" FULL SWEEP Stk. No. 17A4 Wt. 1 1/2 lbs. Each .79
8" FULL SWEEP Stk. No. 17A5 Wt. 1 3/4 lbs. Each .89
10" FULL SWEEP Stk. No. 17A6 Wt. 2 1/4 lbs. Each .98
12" FULL SWEEP Stk. No. 17A7 Wt. 3 lbs. Each 1.15

SWEEP BOLTS FOR ABOVE SETS

22 pieces in set. For above sets only. Stk. No. 17A24—Wt. 5 lbs. SET \$1.69

BIG SWEEPS

For Field Cultivators



Designed for Original Graham-Hoeme and Jeffroy equipment and similar type chisel plows, field cultivators, tool bars, tillers and other big soil cultivating implements.

HEAVY DUTY SWEEPS

These heavy duty sweeps have a stem angle of 54° for use on all models up to 1950. Stems are flanged for added strength and greater resistance to breakage in rough and rocky soils. Each sweep is heat treated, factory sharpened and set, ready to use. Fit all 2" standard tines and shanks.

14" Sweep, 1/4" thick. Stk. No. 17A28. 4 1/2 lbs. Each, \$1.59
16" Sweep, 1/4" thick. Stk. No. 17A29. 6 1/2 lbs. Each, 2.35
18" Sweep, 1/4" thick. Stk. No. 17A30. 7 1/2 lbs. Each, 2.79
20" Sweep, 1/4" thick. Stk. No. 17A31. 9 lbs. Each, 3.15
22" Sweep, 1/4" thick. Stk. No. 17A32. 10 lbs. Each, 3.45

SPECIAL HEAT TREATED EXTRA HEAVY DUTY SWEEPS

Same pattern and description as above but with special Isothermal Heat Treating which gives added strength and extra long wear. Actual field tests show 30% to 50% longer service in average soils, over 50% longer service in high abrasive soils. Recommended specially for Graham-Hoeme, Jeffroy, and similar equipment. Stem angle of 50° is the same as original equipment 1950 and up, works properly on earlier models too.

6" Sweep, 5/16" thick. Stk. No. 17A21. 3 lbs. Each, \$1.20
16" Sweep, 1/4" thick. Stk. No. 17A53. 6 1/2 lbs. Each, 2.69
16" Sweep, 5/16" thick. Stk. No. 17A68. 8 lbs. Each, 3.45
18" Sweep, 1/4" thick. Stk. No. 17A54. 7 lbs. Each, 3.19
18" Sweep, 5/16" thick. Stk. No. 17A69. 8 1/2 lbs. Each, 3.95

STIFF TYPE DUCKFOOTS

Isothermal Heat Treated for Added Strength and Extra Wear



For IHC, Case, Allis Chalmers, Oliver, Massey Harris, and other stiff tooth type cultivators. To clean out troublesome weeds or general tillage in rough stubble land. Two bolt holes on 1 1/4" centers for 3/8" bolts.

10" Sweep. Stk. No. 17A60. 3 lbs. Each, \$1.25
12" Sweep. Stk. No. 17A61. 3 1/2 lbs. Each, \$1.45

SPRING TYPE DUCKFOOTS

Isothermal Heat Treated for Added Strength and Extra Wear

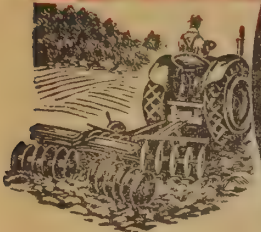


For John Deere or other Spring Tooth Cultivators. Extra strength flanged stem resists breakage. For sub-solling, general tillage in rough stubble, summer fallow. 1 1/8" flanged stem, fits 1 1/8" tines. Two holes on 1 1/8" centers for 3/8" bolts.

8" Sweep. Stk. No. 17A64. 1 1/2 lbs. Each, 89c
10" Sweep. Stk. No. 17A65. 2 lbs. Each, 98c
12" Sweep. Stk. No. 17A66. 3 lbs. Each, \$1.10

HARROW DISCS - TEETH - PARTS

EXTRA TOUGH



You will get extra service from these extra tough, specially forged harrow discs. Made of high carbon steel of extra thickness, forged to shape, with edges hardened for maximum wear.

The special forging process used results in a refined grain in the steel, making it tougher and better able to withstand hard knocks and tough usage. The edges are hardened to hold their cutting edge longer and to withstand shocks, yet are not brittle. The center core remains resilient to cushion and absorb the shock of striking rocks, boulders, etc., and to prevent splitting and curling.

HARROW DISCS

**FORGED ALLOY STEEL
STRONGER—LIGHTER
HEAT TREATED FOR
HARDEST SERVICE**

**Resilient Centers Absorb
and Cushion Shock and
Prevent Splitting**

16"

Ship. wt.
7½ lbs.

Specify Center Hole Size

With ½" center hole for ¾" axle.
Stock No. 49A1.

With 1½" center hole for 1" axle.
Stock No. 49A2.

With 1½" center hole for 1½" axle.
Stock No. 49A3.

\$2³⁵

EACH

18"

Ship. wt.
10 lbs.

Specify Center Hole Size

With ½" center hole for ¾" axle.
Stock No. 49A4.

With 1½" center hole for 1" axle.
Stock No. 49A5.

With 1½" center hole for 1½" axle.
Stock No. 49A6.

\$2⁹⁵

EACH

ONE WAY PLOW BLADES

For Krause and other standard One-Way Plows using 1" square axles. Deep dish discs, made of premium quality alloy steel, heat treated and tempered for greater wearing life without becoming brittle.

22"

Fits 1" square axles. 8 gauge steel. 22" disc.
3¼" concavity. Stk. No. 49A7. 19 lbs. EACH

\$6²⁵

24"

Fits 1" square axles. ¾" heavy steel. 24" disc.
3¼" concavity. Stk. No. 49A8. 28 lbs. EACH

\$9⁵⁰

DISC EXTENSIONS

MAKE YOUR DISC HARROW A FOOT WIDER

It is not necessary to tear your disc down to install these extensions. Extensions are iron castings, machined to fit your old disc. Be sure to order correct size to match the arbor hole on your disc.

BOLT DISC IN PLACE

Extensions are sold in pairs, each 6 inches wide. Simply bolt one to each end of your disc, bolt on another disc blade to the outside end, and your harrow makes a swath one foot wider than before. Complete with bolts, ready to install.

¾" and 1" Arbors. Stk. No. 26A50. 20 lbs.

1½" Arbors. Stk. No. 26A51. 20 lbs.

\$3⁷⁵

New Hydraulic Lift DISC PLOW

for Ford

Engineered for Ford 3-Point Hitch. Uses four 26" discs. Cuts full 40" swath. Has positive depth control with max. working depth of 10". Attaches quickly, pulls easily. Gives performance unequalled by a small tractor. Rugged construction and perfectly balanced design for 3-point lift system. Coulter blade on roller bearings. With guards to keep trash-free.

Stk. No. 52A2

\$177⁵⁰

SHIPPED FREIGHT COLLECT

You Save When You Buy From TRACTOR SUPPLY!

CHISELS • SPIKES

Reversible Cultivator Teeth



Both are used extensively as heavy-duty good ground breaking tools during Summer fallowing. Especially heat treated to withstand breakage in heavy soil and to deliver long service despite difficult soil conditions. Universal type mounting holes to fit all leading types of equipment—adaptable to all makes and models of field cultivators, tillers, tool bars and chisel plows. Punched with 2 slotted holes for universal mounting on all popular makes of chisel plows, field cultivators and tillers.

Isothermal Heat Treated for Added Strength and Extra Wear. Actual field tests show 30% to 50% longer service in average soils, at least 50% longer service in high abrasive soils.

CHISEL TEETH—Pictured at Left

2" width, 16" length, ¾" thick.

Stk. No. 17A48—Wt. 3 lbs. Each, **85c**

2" width, 16" length, ¾" thick.

Stk. No. 17A47—Wt. 4½ lbs. Each, **\$1.25**

SPIKE TEETH—Pictured at Right

2" width, 16" length ½" thick.

Stk. No. 17A49—Wt. 4 lbs. Each, **98c**

2" width, 16" length, ¾" thick.

Stk. No. 17A50—Wt. 5½ lbs. Each, **\$1.50**

TOOL BAR CHISEL SPIKES

For JOHN DEERE Tool Bars—1½"x11"x½"

Reversible Chisel, replaces Deere part Y850A.

Stk. No. 17A76—Wt. 3 lbs. Each, **\$1.15**

For I-H-C and DEMPSTER—1½"x11"x½"

Reversible Chisel, replaces IHC part HW-519.

Stk. No. 17A77—Wt. 3 lbs. Each, **\$1.15**

TOOL BAR SWEEPS

Heavy Duty Flat Crown type ¼" thick for tool bars on John Deere, IHC, Glencoe, Dempster, and similar equipment. Two hole mounting, top hole is slotted to adjust to any standard drilling. Heat treated, with sharpened and set edges ready to use.

10" Sweep. Stk. No. 17A56—3 lbs. Each, **\$1.15**

12" Sweep. Stk. No. 17A57—4 lbs. Each, **\$1.50**

14" Sweep. Stk. No. 17A58—5 lbs. Each, **\$1.85**

BEAVER TAIL RIPPER BLADE

Mallet Pattern, 2 hole mounting on 2¼" centers.

Size 6" x 10" x ¼" thick.

Heat treated for added strength and extra life. Used extensively on Graham-Hoeme and Jeffroy type equipment.

Stk. No. 17A19—Wt. 3 lbs. Each **95c**

SPIKE HARROW TEETH

Fit all popular makes of spike tooth harrows—choose the shape and head style you need. Made of tough alloy steel to withstand shocks and bumps without breaking, hardened to resist wear.

(A) HEADED and POINTED, Diamond Shaped, 5/8"x 3/8", 8" long. Stk. No. 17A88.

Wt. 10½ oz. EACH, 19c. 12 for **\$1.95**

(B) HEADED and POINTED, ½"x8" for wood frame or steel bar harrows. Stk. No. 17A88.

Wt. 9 oz. EACH, 19c. 12 for **\$1.95**

(C) SHOULDERED, THREADED, with Nuts, ½" diam. with ½"x2" thread, 8" long. For pipe bars. Wt. 9 oz. EACH, 29c. Stk. No. 17A87.

12 for **\$2.98**

SPRING HARROW TEETH

For PIPE BAR Harrow, Regular Point. Stk. No. 17A92. Each

For U-BAR Harrow, Regular Point. Stk. No. 17A94. Each

For PIPE BAR Harrow, Quack Grass point. Stk. No. 17A93. Ea.

For U-BAR Harrow, Quack Grass point. Stk. No. 17A95. Each.

\$1.00

HEAVY DUTY DISC TRANSPORT

Move your disc harrow from field to field without disassembly or damage—simply lift up and attach to clamps and it rolls freely behind your tractor. Load capacity up to 500 pounds per carrier, order 2 or 4 depending on the size and weight of your disc.

Stk. No. X-1080. Ship Wt. 23 lbs.

\$11⁹⁵

Set of 2

\$22⁷⁵

Set of 4

\$44⁵⁰

Each,

Set of 4

Renewable PLOWSHARE EDGES

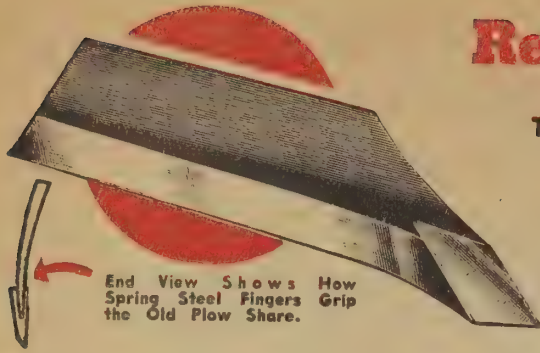
The Self-Sharpening Cutting Edge that Plows Better and Costs Less

Fits All Standard Plow Shares . . . Applied by the Farmer in the Field . . . No Bolts or Welding Necessary . . . Cannot Come Off in Use . . . Outlast Average Sharpening 2 to 1 . . . Point Stays Sharp Throughout the Life of the Edge.

Why go to the time and expense of sharpening Plow Share Edges when it is so easy to "snap-on" a set of Renewable Edges?

Thousands of farmers will attest to the fact that Renewable Edges save them time and money—and will outlast the average sharpening job 2 to 1.

Made of high carbon steel for abrasive wear. Edges are oil tempered to eliminate brittleness and give resiliency and durability. Will slice through the soil smoothly—stay sharp—retain shape—and suck until completely worn out.



End View Shows How Spring Steel Fingers Grip the Old Plow Share.

12, 14 and 16 Inch Sizes—Each

Stock No. 17A99. 12 Inch.....
Stock No. 17A100. 14 Inch.....
Stock No. 17A101. 16 Inch.....

\$1.98

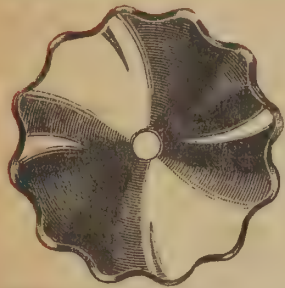
Bundle of 6. Any Size..... **\$11.70**

Average Shipping Weights 4½ lbs. Each.

EDGES WITH HARD FACED NOSES

Made of the same high carbon steel as above, but with especially hard faced nose made of abrasive resisting alloy containing chrome, manganese and carbon. Tests prove these hard faced nose edges last 3 to 4 times as long as regular plow share.

14 Inch Size\$2.55 Each 16 Inch Size\$2.65 Each
Stk. No. 17A105.....6 for \$14.65 Stk. No. 17A106.....6 for \$15.25



Notched COULTER BLADES

Heavy duty type, made of 9 gauge high carbon steel which resists the abrasive wearing action of all types of soil. Built to withstand the hard impacts of stones and trash. Heat treated to proper hardness for long life. Notched edges sharpened to cut cleanly through stalks and trash at regular plow speeds.

Blades have holes punched to fit perfectly on coultter hub numbers listed below. Be sure to state hub number and size of blade desired.

Replaces Blades for IHC Hubs No. 211 or SA1346

16" BLADE—Stk.No.49A68Ship. Wt. 9 lbs.....Ea. **\$4.75**
18" BLADE—Stk.No.49A72Ship. Wt. 11 lbs.....Ea. **\$5.50**

Replaces Blades for ALLIS CHALMERS Hubs
No. LTP5-6

16" BLADE—Stk.No.49A69Ship. Wt. 9 lbs.....Ea. **\$4.75**
18" BLADE—Stk.No.49A73Ship. Wt. 11 lbs.....Ea. **\$5.50**

Replace Blades for FORD-FERGUSON Hubs
No. A05505

16" BLADE—Stk.No.49A70Ship. Wt. 9 lbs.....Ea. **\$4.75**

16" Plow Coultter BLADES

For FORD or FERGUSON Plows

Replacement coultter and hub complete for all Ford or Ferguson plows up to and including 1949 models. Coultter fitted with full 16" 9 gauge plain blade, heat treated and sharpened for best performance.
Stk. No. 16A88—BLADE & HUB COMPLETE—Wt. 10 lbs. **\$7.50**



REPLACEMENT HUB ONLY

For FORD or FERGUSON Plows

Replacement hub only including hub, 3 rivets, bushing, bolt and dust cap.
Stk. No. 16A87—Wt. 3 lbs.....Ea. **\$4.45**



Automatic Release

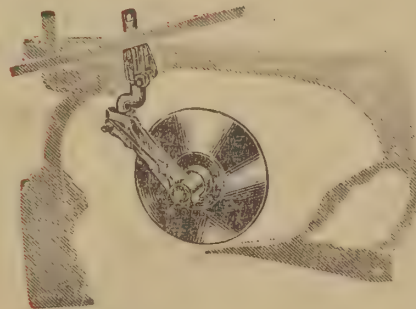
PLOW ROPE HOLDER

A sturdy and practical plow rope holder that releases automatically if plow uncouples. Light weight, long lasting cast aluminum with heavy steel spring. Attaches to tractor seat or fender within easy reach.

Stk. No. 18A48. Ship. wt. 10 oz.....Each

89¢

Disc Type PLOW COULTER For CLEAN PLOWING



Turns TRASH UNDER

FIGHT CORN BORER
Leading scientists at mid-western agricultural colleges unanimously endorse cleaner plowing, turning under of stalks and stubble, for control of corn borer and other insect pests.

Tests show that you can cover 95% to 100% of stalks with your present moldboard plow when using the Trasco Disc Coultter.

REDUCES DRAFT

Users tell us they can often pull an extra plow, or pull the same plow in a higher gear with the 14% reduced drag of a Disc Coultter.

Fits Any Right Hand Plow With 1½", 1¼", 1⅜" & 1½" Shanks

Here is the biggest improvement yet in Plow Disc Coultters. For moldboard plows, no more jointer trouble, eliminates use of troublesome straight coultter and jointer at no extra cost. Will not plug in wet trash conditions and a perfect job of plowing is easily accomplished. Cuts plowing time and increases soil humus. Constructed with heavy cast steel arm, special steel axle, Timken bearings and rawhide oil seals. Has pressure grease fittings. Will last a lifetime. Self-aligning.

USE STANDARD 16" DISC BLADE

Be Sure to State Shank Size Wanted (Shank not included)

COULTER COMPLETE, Less Disc Blade.

Stk. No. 49A12. 25 lbs.....Each, **\$19.95**

COULTER COMPLETE, with 16" DISC.

Stk. No. 49A13. 32 lbs.....Each, **\$21.50**



PLOW BEARINGS

For Krause I-Way Disc Plows

All Wheels, Inner.....Cone.....2788.....\$2.05	Cup.....2720.....\$1.15
All Wheels, Outer.....Cone.....2794.....2.35	Cup.....2720.....1.15
Disc Box Ass'ys.....Cone.....387.....2.89	Cup.....382.....1.60

For Ford-Dearborn Plows

Coultter Wheel, Inner.....Cone.....15118.....\$1.45	Cup.....15250.....\$0.89
Coultter Wheel, Outer.....Cone.....09074......98	Cup.....09194......39

For Graham-Hoeme Plows

All 2 wheel and 4 wheel models:
(Bearings differ according to make of wheels used on individual plows—check wheels before ordering)

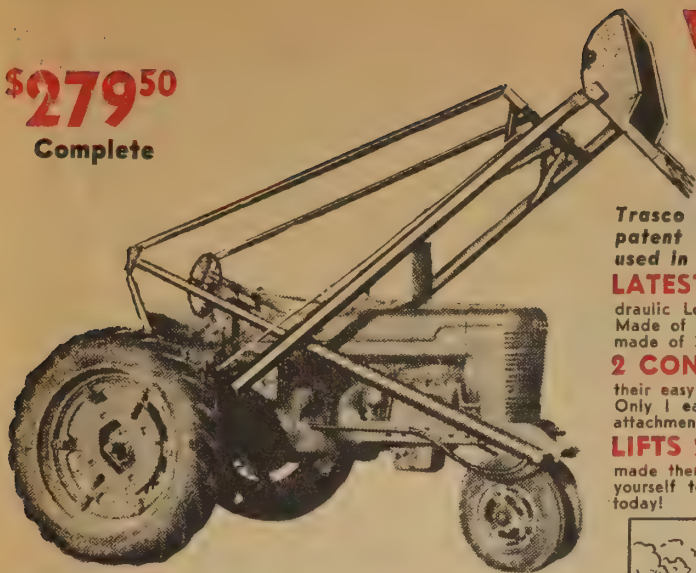
With French & Hecht Wheels	
Inner Bearing.....Cone.....13685.....\$2.95	Cup.....13621.....\$1.63
Outer Bearing.....Cone.....15120.....1.69	Cup.....15250......89

With Electric Wheel Wheels	
Inner Bearing.....Cone.....336.....\$2.25	Cup.....332.....\$1.15
Outer Bearing.....Cone.....14137A.....1.49	Cup.....14274......55

With Motor Wheel Wheels	
Inner Bearing.....Cone.....2788.....\$2.05	Cup.....2720.....\$1.15
Outer Bearing.....Cone.....15118.....1.45	Cup.....15250......89

\$279⁵⁰

Complete



Trasco

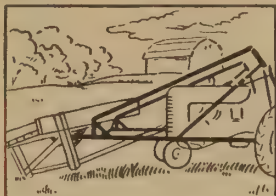
Twin Cylinder Hydraulic Loaders

Trasco Loaders are manufactured for us under license from HORN-NEW IDEA patent #2,583,097. They incorporate all the latest engineering improvements used in building Hydraulic Loaders today.

LATEST DESIGN—ALL STEEL CONSTRUCTION. Trasco Twin-Cylinder Hydraulic Loader is engineered to withstand strains much greater than encountered in ordinary use. Made of high test steel, precision welded in all vital points. Cylinder and main lifting members are made of 3" tubular steel, fully reinforced.

2 CONTROLS, BOTH WITHIN EASY REACH. Trasco Loaders are famous for their easy installation, and operation. There are no cables or rigging that need constant adjustment. Only 1 easy-to-reach control operates lifting arms, making it possible to operate another hydraulic attachment at the same time.

LIFTS 2,000 LBS. UP TO 14 FT. The performance and power of Trasco Loaders has made them popular with farmers all over the country. Now, at these new low prices, you owe it to yourself to investigate the time-saving and labor-saving advantages of installing a Trasco Loader today!



Use it for Lifting, Loading, Moving



Use it to fill Your Manure Spreader



Use it for Stacking or Loading Hay

Trasco LOADER GUARANTEE

Each Trasco Loader is GUARANTEED to be correctly designed to perform the tasks claimed, to be made of materials free from defects, and to stand up under operations recommended for it. Any defective part will be replaced without charge when returned to us. Accident or abuse damage is the responsibility of the owner.

CUSTOM MADE TO FIT YOUR TRACTOR

COMPACT, RUGGED, ALL STEEL CONSTRUCTION. Trasco Twin-Cylinder Hydraulic Loader is engineered to withstand strains much greater than encountered in ordinary use. It is made of high test steel, precision welded in all the vital points for extra strength and durability. Cylinders and main lifting members are made of 3" tubular steel, reinforced to eliminate damage. Modern streamlined design, custom made for your tractor, offers tremendous advantages over ordinary loaders. You are assured of full vision in all directions when operating, and a close fitted compactness that allows you to go any place that your tractor alone can go.

Trasco Twin Cylinder LOADERS For FORD & FERGUSON

New Trasco Loader for Ford & Ferguson offers more outstanding features than any comparable loader on the market today.

ALL STEEL CONSTRUCTION

—Extra Heavy Tubular frame built and reinforced to take hard usage.

EASY OPERATION

—At no point is the loader higher than the hood of the tractor when in digging position. Loader frame is designed so operator can get on or off on either side without climbing over any part of loader.

LIFTING TIME

—Will raise and lower about 3 times per minute. Lifts up to 10 ft. Front of tractor to front edge of manure bucket is about 4 1/2 ft.

PUSH OFF STACKER



Does every job a hayloader, sweeprake or haystacker can do. Height of stack depends on model of tractor and type of loader. Easily installed or removed. Unloads in seconds. Completely hydraulic. 10 ft. wide at base. 11 teeth, 8 ft. long. Made of tubular and channel steel. State Tractor & Loader Make & Model. Factory Shipped, in Iowa.

Stk.No. 50A25—
Wt. 500 lbs.....\$239.50

EASY TO MOUNT AND DISMOUNT

—Only 4 pins to remove and complete main frame and bucket can be removed. Hose lines are easy to disconnect and shut-off valve is supplied to insert pressure line from pumps so that pumps can be used to operate draw bar implements.

Shipped FREIGHT COLLECT From
Factory In Kansas

For FORD & FERGUSON

As pictured at right with manure fork only. Dirt plate not included, but listed below.

Stk.No. 50A19.....Ea. \$259.50

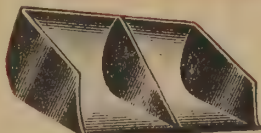
Ship. Wt. 800 lbs.....Ea. \$259.50

DIRT PLATE for above.....Ea. \$10.00

Stk. No. 50A17.....Ea. \$10.00

ATTACHMENTS FIT LOADERS WITH 42" FRAMES

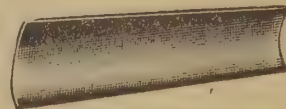
SNOW AND GRAIN BUCKET



Stk.No. 50A20.
200 lbs.

For clearing deep snow, or loading loose grain. All steel construction, rounded design prevents packing. 80" wide, 24" high, 36" deep.

\$9750



BULLDOZER BLADE

For grading, leveling, terracing. Made of heavy steel. 80" wide, 16" high. Does so many tough farm jobs.

Stk.No. 50A21.
Wt. 120 lbs.....

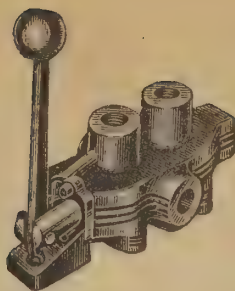
\$4550

SPECIAL NOTICE! All Loaders and Attachments are shipped FREIGHT COLLECT from Factory. Delivered store prices are slightly higher to offset freight charges only.

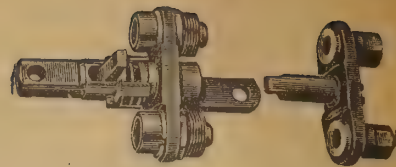
Visit Your Nearest TRACTOR SUPPLY Farm Store Soon!



Only
\$72⁵⁰



Only
\$17⁵⁰



Only
\$22⁰⁰

Hydraulic PUMPS—VALVES—COUPLERS

4-WAY HYDRAULIC PUMP

Equip your tractor with the newest in hydraulic pumps. Get more power and better performance for all farm jobs.

Trasco 4-way hydraulic pumps are the equivalent of two pumps in one. Permits operation of 2 hydraulic implements at once, as with a loader and stacker attachment.

Develops up to 1000 lbs. pressure. Mounts direct on power takeoff shaft, operating at 250 to 750 rpm. Large reservoir holds 2 1/2 gallons of hydraulic fluid. Three gear double pump, with double control valves and double discharge ports for operating two circuits. Balanced valves return to neutral from any position. Safety unloader valve, built in filter. Shafts made of hard alloy steel. (Hose not included).

COMPLETE WITH MOUNTING BRACKETS & P.T.O. COUPLER

Specify exact Make, Model, Year Built, and Serial No. of your Tractor.

Stk.No.22A50—Wt. 40 lbs. **\$84⁵⁰**
PUMP COMPLETE

PUMP ONLY—WITHOUT BRACKETS

Stk.No.22A52.
Wt. 40 lbs. PUMP ONLY **\$72⁵⁰**

FLEXIBLE P.T.O. SHAFT COUPLERS

Stk.No.22A55—For 1 1/2" P.T.O. Shaft. **\$5.95**
Wt. 2 lbs.

Stk.No.22A54—For 1 3/4" P.T.O. Shaft. **\$5.95**
Wt. 2 lbs.



Texaco HYDRAULIC FLUID

Specially developed petroleum base fluid for hydraulic loaders, and hydraulic power lifts. Withstands the extreme heats and pressure with a minimum of foaming. One weight for year around use. Furnished in 5 gallon can with easy pour spout. Wt. 40 lbs.

Stk.No.L-49. **\$4.25**

CONTROL VALVES

This control valve has been particularly designed to meet the valve requirements for just about any application needed. The valves are fully balanced for easy, smooth operation, are spring loaded and self-centering in the neutral and hold position. These valves may be installed singly or in multiple installations of any combination required. All units have built-in pressure relief valves set at 1000 P.S.I. unless otherwise specified. Capacity 16 gallons per minute. Four mounting holes on bottom for easy installation. Full instructions furnished.

One Way Control Valve for Single Acting Cylinder

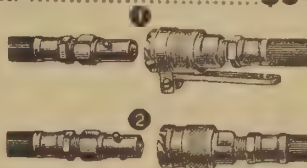
Stk.No.22A57.
Wt. 8 1/2 lbs. **\$17⁵⁰**

Two Way Control Valve for Double Acting Cylinder

Stk.No.22A58.
Wt. 8 1/2 lbs. **\$17⁵⁰**

Single and Double Acting Valves

To get both double acting and single acting valve operation as needed to operate both a loader and push-off stacker order one each of the above.
Stk.No.22A59.
Wt. 17 lbs. **\$34²⁵**



Ulrich QUICK COUPLER

The Ulrich coupler is made of heavy steel with all parts cadmium plated. Oversize valves are precision ground, ball type that seat metal to metal for leak-proof operation. Coupler may be connected under pressure. Connects hose lines easily. May be used as a breakaway coupler when installed with the breakaway clamp.

Coupler Complete with Breakaway Clamp

Stk.No.22A62—Wt. 2 lbs. **\$13.95**
Ea. \$7.35

Coupler Only Complete

Stk.No.22A63—Wt. 1 1/2 lbs. **\$12.95**
Ea. \$6.75

Male Plug End Fitting Only

Stk.No.22A64—Wt. 1/2 lb. **\$6.15**
Ea. \$3.25

Breakaway Clamp Only

Stk.No.22A65—Wt. 1/2 lb. **\$1.19**
Ea. 65c

Double Line Breakaway

COUPLERS

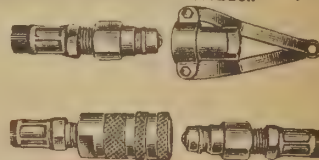
PROTECTS HYDRAULIC LINES

Fits 3/8" or 1/2" Hose Lines

Breakaway coupling provides 2 valuable services to users of hydraulically controlled farm equipment. (1) Completely eliminates the danger of breaking hose lines. (2) Prevents loss of hydraulic fluid. Twin unit has both pressure and return lines for 2-way power. External tug on unit disconnects both lines—automatically sealed. Trigger release for manual uncoupling. Half of unit is mounted on tractor—other half mounted on plow or implement. Extra implement half of unit (listed below) for use with other equipment.

COMPLETE UNIT for tractor and 1 implement.
Stk.No.22A47.
Ship. Wt. 6 lbs. **\$22⁰⁰**

COUPLER HALF FOR IMPLEMENT only. (As pictured at extreme right above).
Stk.No.22A48 **\$11⁵⁰**



Pioneer HYDRAULIC QUICK COUPLER

The Pioneer coupler has been tested and approved by many tractor and implement manufacturers. Guaranteed not to leak. Easy to clean. Equipped with the finest steel ballchecks for positive seal and still give maximum flow through the hose lines. Connects hose lines easily. Cadmium plated. May be used as a breakaway coupler when installed with the breakaway clamp.

Coupler complete with Breakaway Clamp
Stk.No.22A67—Wt. 2 lbs. **\$11⁵⁰**
Ea. \$6.10

Coupler Only Complete
Stk.No.22A68—Wt. 1 1/2 lbs. **\$10⁵⁰**
Ea. \$5.50

Male Plug End Only
Stk.No.22A69—Wt. 1/2 lb. **\$3⁰⁰**
Ea. \$1.60

Breakaway Clamp Only
Stk.No.22A70—Wt. 1/2 lb. **\$1¹⁰**
Ea. 60c

DUST PLUG—Complete with chain and lock ring for above coupler. Stk.No.22A71—Ea. 80c. **2 for \$1⁵⁰**

Heavy Duty Trasco TERRACING GRADER

TERRACING—Builds perfect terraces to save soil and prevent moisture run-off.
DITCHING—Cuts clean ditches up to 2 1/2 ft. deep for farm drainage and irrigation.

GENERAL USES—Can be used to level land, make fire guards, remove snow, build and maintain roads, roll up manure in feed yards for easy loading, and fill washouts. Heavy duty construction plus ease of operation make it the ideal implement for farm operation.

SPECIFICATIONS

FRAME—Extra heavy channel steel, reinforced at all vital points.
BLADE POST—Made of 2 1/4" cold rolled steel, bearing surface of 15". Swivels on main frame.

AXLES—1 3/8" S.A.E. 1035 steel.

WHEEL BASE—7 ft. 2 in. to 8 ft. 4 in.

WHEELS 18 1/2" flanged steel that hold grader on side of terrace or ditch.

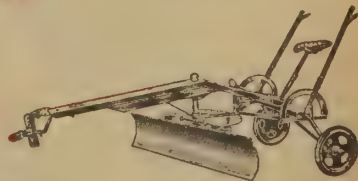
4 MODELS AVAILABLE

5 FT. BLADE.
Stk.No.51A19. **\$152⁵⁰**
Wt. 650 lbs.

6 FT. BLADE.
Stk.No.51A20. **\$169⁵⁰**
Wt. 670 lbs.

7 FT. BLADE.
Stk.No.51A21. **\$184⁵⁰**
Wt. 690 lbs.

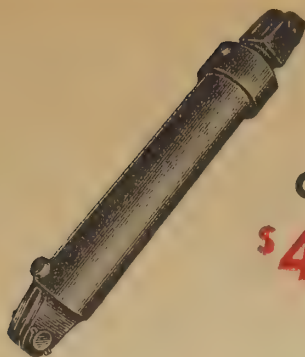
8 FT. BLADE.
Stk.No.51A22. **\$199⁵⁰**
Wt. 825 lbs.



All Models Shipped F.O.B.
Factory Omaha, Nebr.



Only
\$26⁵⁰



Only
\$46⁷⁵



Only
\$12⁹⁵

CYLINDERS — HOSES — FITTINGS

Heavy Duty

DOUBLE ACTING CYLINDER

A heavy duty utility double action cylinder for use on tractor mounted or drawn equipment. This cylinder meets A.S.A.E. standards and is designed to meet manufacturers' specifications for all makes of equipment. Ideal for use on plows, discs, seeders, cultivators, harvesters, etc.

Specifications—Double acting, 3 inch bore, made from special finish steel tubing; 1 1/8" hard chrome, ground and polished piston rod; piston and piston rod seal "O" ring with back up washers. Clevis ends 1" width made of high strength cast ductile steel. 1" clevis pins with chain, 3/8" standard pipe thread oil ports. Cylinder force at 1000 P.S.I.—push 7050 lbs., pull 6050 lbs. Most original equipment hookups use 8" stroke.

8" Power Stroke. 28 1/2" Extended, 20 1/2" Retracted.

Stk.No.22A3—Wt. 28 lbs..... **\$26.50**

10" Power Stroke. Same as above except with 30 1/2" Extended, 20 1/2" Retracted, 10" Power Stroke.

Stk.No.22A4—Wt. 28 lbs..... **\$27.50**

Depth Control

DOUBLE ACTING CYLINDER

Same specifications as above cylinders. This cylinder has the added special feature of side adjustments for any stroke from 1 inch up to 8 inches. The stroke may be adjusted in either or both directions. This cylinder was built for the operator who wants an accurate depth control cylinder for specific applications such as plows, harvesters and other farm implements.

1" to 8" Power Stroke. 28 1/2" Extended, 20 1/4" Retracted.

Stk.No.22A1—Wt. 37 lbs..... **\$40.50**

General Utility

SINGLE ACTING CYLINDER



This general utility cylinder was designed and built at the request of many of our customers. We have been asked for a cylinder to be used in building a hoist, for wagon unloading purposes, for replacement loader cylinders, for building a loader and many other and varied uses. **Specifications**—2 1/2" bore, single acting type. Made from seamless steel tubing. Piston and piston rod seal is "O" ring with back up washers plus special outside dirt seal. Piston rod 1 1/8". The flat base plate has an extra attaching plate 3 1/2"x6", fastened on with four 1/2" bolts. This extra base plate may be removed for fitting to your specific application so that welding, drilling, etc. may be done without damaging the cylinder. The top piston shaft is left plain and extends 6" above the top of the cylinder so that it may be fitted with a pulley or any type of bracket the user may want. Oil Port 1/2" standard pipe thread. Cylinder force at 1000 P.S.I.—push only 4900 lbs.

36" Power Stroke. 78" Extended, 42" Retracted.

Stk.No.22A11—Wt. 35 lbs. **\$28.50**

CAP & SHEAVE (For Above)



Cap and Sheave assembly complete with 4 1/2" O.D. pulley, groove will handle up to 3/4" wire rope. Cap fits any standard 1 1/2" shaft. Fits perfectly on Cylinder Stk. No. 22A11 listed above.

Stk.No.22A77..... **\$3.95**

Ship. Wt. 4 lbs.....

Extra Heavy Duty

Double Acting Cylinder

Designed for use on heavy equipment such as Graham Hoeme plows, discs, tillage tools, dirt moving equipment, etc., where a power stroke of more than 8" or 10" is needed.

Specifications—Double acting, 3 1/2" bore, made from special finish steel tubing. 1 1/8" hard chrome ground and polished piston rod, piston and piston rod seal "O" ring with back up washers plus outside dirt seal. Clevis ends 1" width made of high strength ductile steel. 1" clevis pins. Oil ports 1/2" standard pipe threads. Cylinder force at 1000 P.S.I.—push 9600 lbs., pull 8200 lbs. Stroke 16".

16" Power Stroke. 41" Extended, 25" Retracted.

Stk.No.22A6—Wt. 36 lbs..... **\$46.75**

WHAT YOU SHOULD KNOW ABOUT HYDRAULIC CYLINDERS

Hydraulic cylinders are being used more and more as standard equipment by the leading tractor and implement manufacturers. In 9 out of 10 applications the A.S.A.E. standards call for a cylinder with an 8" stroke, with a retracted length of 20 1/2" from center of pin to center of pin. Before ordering a replacement cylinder check the stroke of the cylinder you now have and replace with the same power stroke. Cultivators, mowers and many other applications use a 10" stroke, replace with a like unit to get efficient operation. Other equipment which you now own can be fitted with hydraulic cylinders at a very low cost. If your tractor has a built-in pump then all you need is a cylinder, hose lines, and breakaway couplers. If your tractor does not have built-in pump, see pump listing on adjoining page.

Single Acting

UTILITY CYLINDER

A utility cylinder for general use when only single action or one way push is needed. Will adapt to all equipment, built to A.S.A.E. standards. Welded construction for simplicity and ruggedness. Used on plows, cultivators, mowers, etc.

Specifications—2" bore, made from seamless steel tubing 3/8" piston rod, 1" clevis pins, 1" clevis end slots, oil port 3/8" standard pipe thread. Cylinder force at 1000 lbs. P.S.I., push only—3140 lbs.

10" Power Stroke. 30 1/2" Extended, 20 1/2" Retracted.

Stk.No.22A8—Wt. 11 lbs..... **\$12.95**

Heavy Duty

UTILITY CYLINDER

Single acting cylinder same as above except larger for heavier equipment.

Specifications—3" bore, 1 1/8" piston rod, clevis width and pins same as above. Cylinder force at 1000 P.S.I., push only—7050 lbs.

8" Power Stroke. 28 1/2" Extended, 20 1/2" Retracted.

Stk.No.22A9—Wt. 14 lbs..... **\$17.50**



HYDRAULIC HOSE LINES In Cut Lengths

Designed for use on hydraulically operated farm machinery, manure loaders, industrial equipment, dirt moving equipment, etc. Made of oil resistant, high quality seamless rubber with one layer of wire braid for maximum protection and safe flexibility. Maximum working pressure up to 1500 lbs.

3/8" HOSE

3/8" hose fitted with 3/8" standard pipe thread male end fittings, one end with swivel end for ease in coupling, other end square shoulder for wrench tightening.

Length	Stk.No.	Wt.	Each
15 in.....	22A14.....	1 1/2 lbs.....	\$2.25
3 ft.....	22A15.....	2 lbs.....	3.65
6 ft.....	22A16.....	4 lbs.....	5.95
9 ft.....	22A18.....	6 lbs.....	9.45
12 ft.....	22A19.....	8 lbs.....	11.75

1/2" HOSE

1/2" hose fitted with 1/2" standard pipe thread male end fittings, one end with swivel end for ease in coupling, other end square shoulder for wrench tightening.

Length	Stk.No.	Wt.	Each
3 ft.....	22A22.....	.2 lbs.....	\$3.85
6 ft.....	22A23.....	4 lbs.....	6.95
9 ft.....	22A24.....	6 lbs.....	10.95
12 ft.....	22A25.....	8 lbs.....	13.75

Replaceable

END FITTINGS

End fittings for 3/8" and 1/2" hose—designed to fit any standard 3/8" or 1/2" hydraulic hose. May be installed with ordinary hand tools and vise.

Size	Stk.No.	Wt.	Selling Price
3/8" Size.....	22A40.....	.6 oz.....	\$1.34
1/2" Size.....	22A41.....	.6 oz.....	1.74



SWIVEL CONNECTORS Female Ends

Steel connector with female thread at each end. In sizes indicated. Wt. 3/8 lb.

3/8"x3/8" size. Stk.No.22A31..... **Ea. 49c**

1/2"x1/2" size. Stk.No.22A32..... **Ea. 59c**



SWIVEL CONNECTORS Male & Female Ends

Steel swivel connector with female thread one end, male thread other end, in sizes listed below:

Stk.No.22A33—3/8"x3/8". 6 oz..... **Ea. 49c**

Stk.No.22A34—1/2"x1/2". 6 oz..... **Ea. 59c**



90° SWIVEL CONNECTORS—

Steel swivel connector with female thread one end, male thread other end. Ideal for pump or cylinder fittings. Eliminates bending of hose lines.

Stk.No.22A27. 3/8"x3/8" Size. 1/2 lb. **Ea. 89c**

Stk.No.22A28. 1/2"x1/2" Size. 1/2 lb. **Ea. 98c**



REDUCERS

Steel Hex head bushing with male end fitting.

Reduces from 1/2" to 3/8" size.

Stk.No.22A37—Wt. 3 oz..... **Ea. 15c**

Reduces from 3/4" to 1/2" size.

Stk.No.21A17—Wt. 4 oz..... **Ea. 29c**

Reduces from 1" to 1/2" size.

Stk.No.21A16—Wt. 5 oz..... **Ea. 35c**

23 Complete Stocks At Same Low Prices!



Heavy Duty FARM WAGON WITH ADJUSTABLE BED HEIGHT FOR DOUBLE UTILITY

CARRIES ANY LOAD TIRES WILL HOLD

The Trasco Farm Wagon combines extra strength with valuable versatility. It is a heavy duty wagon with super size axles, steel channel reach and bridge type bracing instead of the usual iron pipe tubing construction.

SHORT TURNING RADIUS

Wagon turns in 10 foot circle when box is mounted above tires. Inner wheel turns on sharper angle to eliminate drag. New type semi-automatic adjustable stop prevents rubber wear.

Wheel Bearings for Trasco Wagons

	STK.NO.	WT.	EA.
INSIDE CUP	14276	1/2 lb.	\$0.55
INSIDE CONE	14136A	1 lb.	1.50
OUTSIDE CUP	09195	1/2 lb.	.59
OUTSIDE CONE	09074	1 lb.	.98

COMPARE THIS CONSTRUCTION:

Super Size Axles—5 1/2" deep by 3 1/4" channel steel, 1/4" thick. Bridge reinforcing. 23 1/2" Front Hitch, 1/4" thick steel.

Channel Steel Adjustable Reach—Length adjusts from 7 feet to 11'6", takes racks up to 15 feet. Heavy channel steel instead of iron pipe tubing.

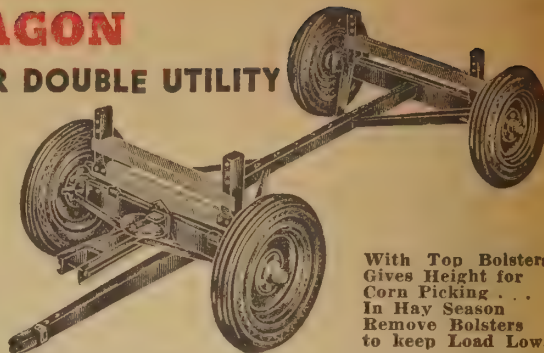
Double Timken Bearings—Larger than usual, take extra loads, grease and dirt tight.

12" Square Steel Stakes—Adjustment holes 2" apart for extra bolster height, adjusts for 28" to 42" widths.

60" Track, 12 1/2" Road Clearance—Extra stability with plenty of height for rough ground. Weighs 420 pounds less tires and without extra bolsters.

Disc Wheels—Take 6.00x16 to 7.00x16 tires Available with 15" Rims if wanted

Wagons Shipped F. O. B. Nearest Store



With Top Bolsters Gives Height for Corn Picking... In Hay Season Remove Bolsters to keep Load Low.

WAGON COMPLETE, as pictured above but WITHOUT tires and tubes. Complete with double bolster pieces. Stk. No. X-1101 **\$129.95**

WAGON Without Extra Bolster Cross Pieces. WITHOUT tires and tubes. Stk. No. X-1100 **\$118.50**

EXTRA Bolsters Only—For converting Wagon X-1100 to X-1101. Stk. No. X-1102 **\$14.50**

"2 in 1" WAGON BOX KIT

Have 2 wagon boxes in 1 and save up to \$75.00 by making the assembly yourself! Box with 6 ft. width and 13 in. sides can be quickly and easily converted into platform 8 ft. wide. Box was designed for corn and grains. By folding down or removing sides, wagon can be used for baled hay, machinery, etc.

LIFETIME CONSTRUCTION

Heavy duty kit for trouble-free use. Ribs are made of 2x1/2x3/4 in. steel cross members, with brackets attached for bolting to long wood sills. Side irons are 1/2x1/2x1/4 in. Cross members and side irons give support for each 2 ft. of box length. Holes punched on 3/4 in. centers for using 1/2" bolts. Floor bolts directly to steel cross members. Irons to build sliding endgate, and 4 stake pockets are included. (No lumber or bolts furnished). Shipped promptly from factory near Galesburg, Ill. (4th class rate).

KIT TO BUILD BOX 6x10 FT. with 26 in. SIDES. With 6 steel ribs.	\$36.95
Stk.No.X-1050—Ship. Wt. 190 lbs.	
KIT TO BUILD BOX 6x12 FT. with 13 in. SIDES. With 7 steel ribs.	\$35.95
Stk.No.X-1052—Ship. Wt. 185 lbs.	
KIT TO BUILD BOX 6x14 FT. with 13 in. SIDES. With 8 steel ribs.	\$39.95
Stk.No.X-1054—Ship. Wt. 210 lbs.	

NOTICE! Lumber and Bolts Needed for Above Boxes. Lumber: Two 2x8 in. (by length of box) sills; 22-pcs. 4 in. (by length) for flooring; 8 to 16 pcs. for sides. Carriage Bolts: Sizes 1/2x3/4 in. and 2/2x3/4 in. Quantities depend on size of box.

Double Utility WAGON HOIST

Lifts up to 1,000 lbs. 6 ft. high. Ram can be used independently as 5 ton hydraulic jack. Hydraulic, fast pumping jack bolts securely to wagon dump frame—no casting to break. Pulley cap with sheave and wagon lift plate included. Special forked cap included to be used with jack for use with chains for many farm lifting jobs.

COMPLETE JACK FOR ALL FARM JOBS

Complete unit with 5 ton jack, pulley cap, forked cap, wagon dump frame and 1 wagon lift plate. Stk.No.50A83.

Ship. Wt. 83 lbs. Ea. **\$59.95**

EXTRA WAGON PLATE IRONS

to use with additional wagons. Ship. Wt. 3 lbs. Stk.No.50A84 Ea. **\$1.95**

Tractor Operated WAGON HOIST

Similar to above, but with 3 ton capacity. Operates from hydraulic pump on your tractor. Overall height, 73 1/2 in. Frame, 29 1/4 in. Cylinder plate. (Hose using 1/2" fittings NOT INCLUDED. See P. 19).

44 in. with 3 1/2 in. diam. Complete unit includes frame, pump, cable and 1 wagon lift plate. Stk.No.50A81—Ship. Wt. 80 lbs. Ea. **\$47.95**

EXTRA WAGON PLATE for above. Stk.No.50A84—Ship. Wt. 3 lbs. Ea. **\$1.95**

TRACTOR CLEVIS

Made of rounded, smooth, heavy duty forged steel.

STRAIGHT TYPE—7/8" steel body, 3/4" pin. 1/4"x4 1/2" opening. Stk.No.19A43. Ship. Wt. 3 3/4 lbs. Ea. **\$1.00**

TWISTED TYPE—7/8" steel body, 3/4" pin. 1/4"x4 1/2" opening. Stk.No.19A42. Ship. Wt. 3 3/4 lbs. Ea. **\$1.00**

Heavy Duty TWISTED CLEVIS—1" steel body, 7/8" pin. 1/2"x4 1/2" opening. Stk.No.19A38—Ship. Wt. 4 1/2 lbs. Ea. **\$1.49**

HAY BALE HOOKS

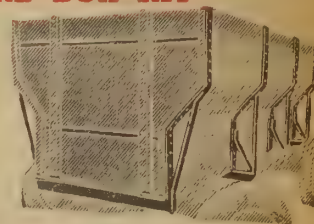
Made of high quality 3/8" round cold rolled steel. Designed to provide easy insertion as well as release from the bale. Handles 4 1/2" wide, inside, overall length, 11".

Stk. No. 51A16. With wood grip "D" handle. Wt. 1 lb. (At right) Ea. **59c**

Stk. No. 51A17. All steel with loop handle. Wt. 1 lb. (At left) Ea. **49c**

Heavy Duty FLARE BOX KIT

Makes 100 bu. flare box. Extra rugged construction with steel cross sills. Set includes 1 front end and 3 full width electric welded flare box ribs, 3 endgate rods, 2 front and rear grain door slides and handles. With anti-spread chains and complete instructions for easy assembly. FACTORY SHIPPED, near Galesburg, Ill. Stk.No.51A24. Ship. Wt. 130 lbs. Kit **\$24.50**



Economy FLARE BOX KIT

Similar to above, less steel cross sills. 90 bu. capacity.

Kit contains 8 side channel irons, 4 side brace rods, 2 endgate side rods, 1 endgate lift rod, lift rod holder, 2 endgate clips for side rods and anti-spreader chain. 21-pcs. of hardware with complete instructions for assembly. SHIPPED FROM STOCK. Stk.No.51A30—Ship. Wt. 63 lbs. Kit **\$19.75**

STRAIGHT SIDE WAGON BOX KIT

Makes box 5x10 ft. to 7x14 ft., or any intermediate size. Sides 26" high. All hardware included except bolts. (Less lumber.) Stk.No.51A29—Ship. Wt. 70 lbs. Kit **\$29.95**

FLAREBOARD IRONS

Add a flareboard for extra wagon capacity, or for use at corn picking time. Economical to buy—Easy to install when you have this set of irons. 4 pair of irons in set that will fit any wood wagon, straight or flare. Matched holes to fit any size board that can be secured with ordinary nuts and bolts.

51A31—Ship. wt. 19 lbs. Set **\$3.59**



Complete Set

\$3.59



STAKE POCKETS

Made from 10" gauge sheet steel. Straight type for 1 1/2"x3 3/4" stakes. Painted black.

SINGLE BOLT HOLE MOUNTING. 2" deep. Stk. No. 51A13—Wt. 1/2 lb. Ea. **19c**

DOUBLE BOLT HOLE MOUNTING. 2 1/2" deep. Stk. No. 51A14—Wt. 3/4 lb. Ea. **19c**

RACK CLAMPS

Wagon rack clamp used in making stock, cotton or wood racks. Complete with washer plate and nuts. Made of 3/8" steel rod. Inside dimension: 1 7/8"x10 1/2". Opening for 2"x8" sill. Stk.No.51A12. Ship. Wt. 1 lb. Ea. **39c**

RACK LOOPS

Opening for regular 4"x4". Made of 12 gauge, 2 1/2" steel stock. With 3 bolt holes. Stk.No.51A10—Ship. Wt. 1 lb. Ea. **41c**

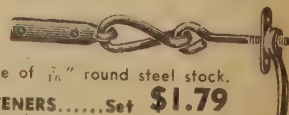
SET OF 8 LOOPS (above). Ship. Wt. 15 lbs. **\$2.98**

Opening for regular 2"x4". Made of 12 gauge, 2 1/2" steel stock. With 2 bolt holes. Stk.No.51A11—Ship. Wt. 1 lb. Ea. **37c**

SET OF 8 LOOPS (above). Ship. Wt. 12 lbs. **\$2.69**

END-GATE FASTENER

Takes the place of Wagon and Truck Rods. Made of 1/2" round steel stock. Hook is 1/2"x1" flat. Will fit any body width. Stk.No.51A15—Ship. Wt. 5 lbs. SET OF 4 FASTENERS. **\$1.79**

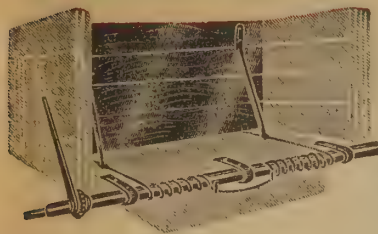


Trasco

WAGON UNLOADERS

Low As **\$39⁹⁵**

Deluxe UNLOADER



Economy UNLOADER

Only **\$39⁹⁵**

Stk.No.51A28

Here is the quick . . . easy . . . inexpensive way to unload your wagons! Handles all crops. Fits all wagons. Unit is complete, all you need is scrap lumber for endgate.

This new Economy WAGON UNLOADER does the work of expensive wagon dumping and unloader equipment at a fraction of the cost. Comes complete except for false endgate which can be easily made from scrap lumber to fit any size or shape of wagon. No wasted space as false endgate fits flush to back of wagon. Fits all wagons 5, 6, or 7 ft. Ratchet handle prevents endgate from slipping back. Handle and ratchet can be installed on either side of wagon. Has 1 1/2" squared end on roller bar for power operation.

COMPLETE UNIT (less lumber for endgate)

Wagon Unloader comes complete with 7 ft. roller bar with square end and mounting brackets. All necessary cables and fittings for endgate are included. Has reversible ratchet with long handle—extension can be made on handle for greater leverage. Take advantage of this remarkable value today!

Stk.No.51A28—Ship. Wt. 80 lbs. **Ea. \$39.95**

WAGON HITCH

For Combines—Corn Pickers



Adjustable for all tractors pulling small combines and pull-type corn pickers. Pulls from drawbar on tractor, avoiding side draft. Keeps wagon desired distance away on turns and when making circles.

The new Trasco Wagon Hitch was designed and built to pull your wagon alongside your combine or side delivery pull-type corn picker. Has been successfully tested with small combines such as MM-69, IHC-62, Deere I2-A, 6 Ft. Baldwin, Case A-6 and Dearborn-Woods Bros.

3 FT. ADJUSTABILITY

Hitch is fully adjustable for length of tongue as well as ratchet between combine and wagon. Can be hitched and unhitched in a matter of minutes. Made of heavy gauge steel for long hard service.

Stk. No. 51A75 **Ea.**

\$30⁹⁵

Save Time and Money



Here is the Grain Gate that makes the transferring and handling of all small grains so easy—actually saves enough time and money to pay for itself many times over.

ALL STEEL CONSTRUCTION—will outlast box or bin without ever losing its positive action. Gate opens and closes in channelled guides. This means positive operation—even when grain is flowing. There is no danger of Grain Gate opening accidentally, resulting in costly grain loss.

2 SIZES TO CHOOSE FROM. This makes it easy to find the right size for your particular application. For fast unloading, many farmers install 2 or more Grain Gates on their grain boxes.

9"x21" SIZE—For Wheat, Oats, Small Grains. Guides; 1 1/2"x12" with 3/4" channel. 10" handle. Six 1/4" drilled holes for mounting.

Stk.No.X-921—Ship. Wt. 15 lbs. **Ea. \$5.95**

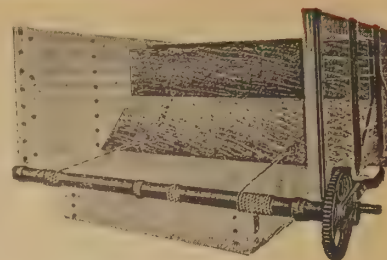
12"x21" SIZE—LARGE SIZE—For Corn, Beans or Faster Unloading. Guides; 1 1/2"x17" with 3/4" channel. 10" handle. Six 1/4" drilled holes for mounting.

Stk.No.X-922—Ship. Wt. 17 lbs. **Ea. \$8.25**

Install
SURE-LOCK
Safety
GRAIN GATE

- Unloads in 2 to 10 Minutes
- Fits any STANDARD BOX Straight or Flared
- Hand or Power Operated
- Handles Most Farm Crops

Save by building your own wagon box unloader! With this economy kit, all you need is the lumber to "custom-build" the finest unloader in your community.



COMPLETE UNLOADER ASSEMBLY INCLUDES rear shaft roller unit, 7 ft. wide (can be shortened for narrower widths); complete gear assembly with 60 to 1 ratio; adjustable cables 14 ft. long; all brackets for mounting and complete set of steel header braces. Lumber not included.

FIT IT YOURSELF—SAVE HALF. The versatility of the Trasco Unloader is one of its outstanding features. Will fit any size box—7x14 ft., 6x10 ft., 5x10 ft., etc. Can be operated by hand crank, and adapted to use tractor power, gas engine and speed jack, or electric motor. Your Tractor Supply Farm Store manager can supply you with full information and adapting parts and brackets.

Stk.No.51A32—Ship. wt. 120 lbs. SHIPPED FREIGHT COLLECT, Ea. **\$77⁹⁵**

EXTRA TUBE & ENDGATE ASSEMBLY

See how little it costs to change over your second wagon with this Tube and Endgate Assembly (less lumber). Second wagon can be operated with gear unit supplied with complete wagon unloader listed above.

Stk.No.51A86—Ship. Wt. 80 lbs. **Ea. \$34.95**

MOTOR MOUNT FOR WAGON UNLOADER

Convert your wagon unloader to power operated type. Complete motor mounting assembly for use with a 3/4 H.P. Electrical Motor.

Stk.No.51A87—Ship. Wt. 15 lbs. **Ea. \$24.95**



HOLLAND Automatic SAFETY RELEASE HITCH

Fast . . . easy coupling of implements without leaving your tractor seat with the Holland Automatic Hitch! Positive trigger action!

Has tension spring release which will uncouple implement if it strikes rock or obstacle to exceed drawbar safety factor. Can be set for light or heavy pulls. Hitch is made for permanent mounting on tractor drawbar. Order extra rings for all your implements. Trigger lock sets hitch. When ring enters, hitch automatically locks. To uncouple, release with hand or toe. Hitch is set for next coupling.

RUGGED, HEAVY DUTY HITCH with tension adjustment for loads from 1500 to 8500 lbs.

Stk.No.25A99—Ship. Wt. 16 lbs. **Ea. \$8⁹⁵**

LAP RING only for above.

Stk.No.25A98—Ship. Wt. 4 lbs. **Ea. \$1.95**

ADJUSTABLE HOUND



Fits any standard wagon. Front adjustment 9 1/2" to 15". Rear adjustment 17 1/2" to 22". Durable all steel construction.

Stk.No.51A47. Ship. Wt. 18 lbs. **Ea. \$4.95**

EASY HITCH PIN

Works like a safety pin. Simply line up tractor with implement and slip pin in place. Locks in place, won't work loose or bounce out. Saves time. Prevents mishaps. Heavy duty construction. Ship. Wt. 2 lbs.

5/8" SIZE—Stk.No.19A66 **Ea. 75c**

3/4" SIZE. Stk.No.19A67 **Ea. 85c**

WHEELS • HUBS SPINDLES

16-INCH ALL STEEL WHEELS

Drop center type wheels that take standard 6.00-16 tires (tires not included). Riveted and welded with extruded spokes and double thickness spider for heavy duty use. Ford type lug drilling. 5 holes on 5 1/2" circle.

Stk.No.49A50—Ship. Wt. 20 lbs. Ea. **\$5.75**

15-INCH ALL STEEL WHEELS

Same construction as above. For 15 inch tires (tires not included). Stk.No.49A54—Ship. Wt 20 lbs. **Ea. \$5.75**

STUB AXLE ASSEMBLY

1 1/2" square forged steel stub axle and spindle assembly. Complete with machined hub, 2 Timken roller bearings and bolts. Fits wheels listed above.

Stk.No.49A51—Ship. Wt. 12 lbs. **Ea. \$10.95**

58-INCH STRAIGHT AXLE ASSEMBLY

1 1/2" square, forged alloy steel axle, complete with spindles, Timken bearings, lug bolts, etc. Wheels not included, (use wheels listed above).

Stk.No.49A52—Ship. Wt. 55 lbs. **Ea. \$26.25**



Fast Counter Service By Farm Machinery Specialists!

Post Hole Diggers—Hydraulic Earth Movers

Trasco ECONOMY DIGGER

Digs Holes Vertical, or at Selected Angle

Primarily designed for speed, ease, and accuracy in setting fences, the TRASCO Economy Post Hole Digger is equally useful on many other farm jobs. Two men with this digger can do a week's work in a day. Clean, even, straight post holes with the dirt piled around the hole.

EASY TO USE

The Trasco Post Hole Digger is easier to use. The operating bar enables the ground man to guide the auger to the exact spot, and to apply pressure in helping to penetrate hard pan or other baked soils. The auger flight swings to any position so that holes can be bored straight down in even the roughest land, regardless of the angle of the tractor. The Trasco Post Hole Digger is sturdily built despite its light weight, easier to use features. Shielded universal joint connects to the power takeoff shaft. The all-important gear case, the life of any auger, is permanently sealed against dirt, well lubricated, and with cut steel lifetime gears.

The Trasco Economy Post Hole Digger mounts on the rear of any standard tractor with a rear power takeoff shaft. Universal brackets make attachment to tractor easy. Supplied with standard 1½" splined universal joint to couple to power takeoff shaft. 1½" size can be supplied on special order to fit tractors with this smaller size.

Attaching is easy, and complete unit can be mounted or taken off at any time in just a few minutes. 9" auger is hardened steel and will dig holes up to 40" deep.

SHIPPED COMPLETE

Trasco Post Hole Digger, complete as pictured mounted on tractor at right. All parts including telescoping shielded universal joint for connecting to power takeoff shaft of tractor. Fits any standard tractor having power takeoff shaft in rear. Specify if you require 1½" or 1¾" power takeoff connection. Shipped complete with full instructions for setting up and operating. **\$139.50**
Stk. No. 51A25.



ONLY
\$139.50

COMPLETE

Fits Any
Tractor with
Rear Power
Takeoff

SHIPPED
FREIGHT COLLECT

CHAMPION ONE MAN DIGGER

ONE CONTROL FROM
TRACTOR SEAT

This is the easiest to use and fastest operating digger on the market. You can dig over 600 holes a day without ever leaving your tractor seat! Digs a 9" hole, 40" deep in 19 seconds with dirt piled evenly around for easy filling.

STRAIGHT OR ANGLE
DIGGING

Easy to adjust for straight or angle digging. Exclusive fence guard prevents damage when backing into stand-

ing fence. Each with safety shear pin, steel cut gears, cone type clutch and 9" auger. 6" or 12" augers supplied on special orders.

FITS STANDARD ROW CROP
TRACTORS

Champion digger will fit any standard row crop tractor. Power is supplied from power take-off shaft. Be sure to specify if your tractor takes 1½" or 1¾" splined coupling.

CHAMPION DIGGER—Complete with 9" Auger. Specify Make, Model & PTO size. **\$249.50**
Stk. No. 51A26.....Ea.

HYDRAULIC EARTH MOVERS

Dig, Deliver and Place More Dirt Faster, Easier Than Ever Before

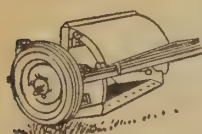
Every farmer needs one of these high capacity Earth Movers to preserve and control valuable top soil. In a few minutes it can do the work that takes days to do by hand. Low overall height and low center of gravity permits greater maneuverability and easier handling. All operations—cutting, lifting, carrying, dumping instantly controlled hydraulically by a control right at the operator's fingertips. All are heavy, durable construction and fully automatic. Can be used with any tractor equipped with hydraulic lift. State make, model and year of tractor.



AMAZING SIMPLICITY
FINGERTIP CONTROL

NOTICE!

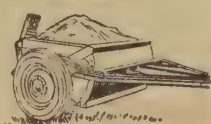
All Hydraulic Earth Movers Shipped F.O.B. Omaha. Store Prices Slightly Higher to Cover Freight Costs Only.



Extra flat digging angle of blade enables scoop to load with minimum of power.



Smooth, even cut. Easy acting depth control. Fast loading.



Carries full load with plenty of ground clearance.



Rear ejection fast dumping. Dumps small quantities or all at once.

CHOICE OF SIZES—WITH OR WITHOUT TIRES AND TUBES

1-1½ Cubic Yard Size

For use with tractors such as Farmall H, M or C, Deere A & B, etc. Overall dimensions, 9 feet long, 3' 6" high, 6' 2" wide overall. Cutting width 4 feet, cuts up to 5 inches deep. ¼" thick by 6" deep cutting bar 4 feet wide. Bowl is made of ¼" steel plate, all electrically welded. Wt. 1080. Holds a full cubic yard when filled level, up to 1½ cubic yards when heaped.

Complete but WITHOUT tires. Stk. No. 51A2..... **\$355.00**
Complete WITH Tires and Tubes. Stk. No. 51A1..... **\$375.00**

1½-2 Cubic Yard Size

For use with any 3 or 4 plow tractor. Similar in construction to mover at left, but built heavier in proportion to load carried. Total weight empty is 1500 pounds. 4' 4" high, 7' 4" wide overall. Cutting width is 5 feet, cuts up to 5 inches deep. Double quadrants.

Holds 1½ cubic yards when filled level, up to 2 cubic yards heaped.

Complete but WITHOUT Tires. Stk. No. 51A4..... **\$407.50**
Complete WITH Tires and Tubes. Stk. No. 51A3..... **\$427.50**

2-2¾ Cubic Yard Size

For use with any 4-plow tractor. Similar in construction to mover at left, but heavier in proportion to load carried. Weight empty is 1680 lbs. 4' 7" high, 8' 4" wide. Cutting width is 6', cutting depth to 5".

Holds 2½ cubic yards when filled level, 2¾ cubic yards when heaped.

Complete but WITHOUT tires or tubes. Stk. No. 51A8..... **\$492.50**
Complete WITH tires and tubes. Stk. No. 51A7..... **\$517.50**

3-4 Cubic Yard Size

For use with heavy Crawler type tractors. Overall length 12' 6", width overall 10' 2" (including tires), height 4' 10". cutting width 6', cutting depth up to 5". Weight empty 3000 lbs.

Holds 3 cubic yards when filled level, 4 cubic yards heaped.

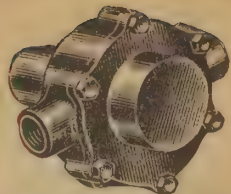
Complete but WITHOUT Tires or Tubes. Stk. No. 51A5..... **\$1275.00**
Complete WITH Tires and Tubes. Stk. No. 51A6..... **\$1375.00**

Hydraulic Earth Movers are also available in models similar to above—with wheels in the rear. Write or visit your nearest TRACTOR SUPPLY Farm Store for information and prices.

Why Pay More? Buy From TRACTOR SUPPLY for Less!

Trasco

Spray PUMPS & PARTS



RUBBER PADDLE PUMPS

Drive from power takeoff, or by gas or electric motor. Pumps are reversible and self priming. Impeller is the only moving part, and is made of synthetic rubber to resist oil and chemicals. Any liquid can be pumped, even with sand and abrasives, as the rubber impeller is flexible and not damaged.

3/4" PIPE THREAD

Takes 1/2 or 3/4 HP. motor, or drives by belt and pulley from tractor. Best speed 1750 rpm., develops 25 lbs. pressure (60 ft. head), or will deliver up to 23 GPM at low pressure.

Stk. No. 21A95—7 lbs. Pump complete **\$21.50**

EXTRA IMPELLER only for above. Stk. No. 21A96—8 oz. **\$2.95**

1" PIPE THREAD

Takes 1/2 to 1 HP. motor, or drives by belt pulley from tractor. Best speed 1750 rpm., develops 50 lbs. pressure (115 ft. head), or will deliver up to 30 GPM at low pressure.

Stk. No. 21A98—10 lbs. Pump complete **\$26.95**

EXTRA IMPELLER only for above. Stk. No. 21A99—11 oz. **\$3.50**

POWER TAKEOFF ADAPTOR

Rugged power take-off adaptor to make a direct hookup with gear or paddle pumps listed. Fits 1 1/4" and 1 3/8" PTO SHAFTS.

Stk. No. 21A28—Ship. wt. 2 lbs. Each **\$2.50**



DIRECT DRIVE Tractor PUMP

High pressure type with range from 0 to 350 lbs. per square inch. Delivers about 15 gals. per minute at 600 RPM, free flow, 11 GPM at 150 lbs. pressure and 7 GPM at 300 lbs. pressure—all at 600 RPM's. Connects directly on PTO shaft. No pulleys or belts needed. Ni-Resist core and rotor—corrosion resistant. Nylon rollers, water lubricated, tough, resilient and abrasive resistant.

Stk. No. 21A93—Ship. Wt. 12 lbs. Ea. **\$51.95**

ROTARY GEAR PUMPS

High quality bronze pumps designed for agricultural and industrial use. Corrosion resistant, efficient in performance, compact in size, and ruggedly built, meets all requirements for liquid transfer or pressure pumping. Well adapted to High Pressure Spraying.

1/2" INLET & OUTLET SIZE, pipe thread.

Gallon capacity at 1750 RPM, developing 100 lbs. pressure is 9.2; at 1000 RPM, developing 100 lbs. pressure gal. capacity is 4.0. Free flow at 1750 RPM is 11.3 gals.

Stk. No. 21A12—Ship. wt. 5 lbs. Each **\$15.95**



3/4" INLET & OUTLET SIZE, pipe thread.

Gallon capacity at 1750 RPM, developing 100 lbs. pressure is 18.9. At 1000 RPM, developing 100 lbs. pressure gal. capacity is 9.6. Free flow at 1750 RPM is 24.0 gals.

Stk. No. 21A30—Ship. wt. 7 lbs. Each **\$19.95**

REDUCER-ADAPTOR—Reduces 3/4" thread on above pump to 1/2".

Stk. No. 21A17—Wt. 3 oz. Each **29c**

1" INLET & OUTLET SIZE, pipe thread.

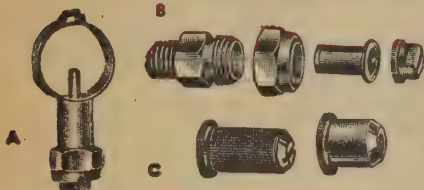
Gallon capacity at 1750 RPM, developing 100 lbs. pressure is 23.7. At 1000 RPM, developing 100 lbs. pressure, gal. capacity is 12.7. Free flow at 1750 RPM is 24.0 gals.

Stk. No. 21A31—Ship. wt. 8 lbs. Each **\$21.95**

REDUCER-ADAPTOR—Reduces 1" thread on above pump to 1/2".

Stk. No. 21A16—Wt. 3 oz. Each **35c**

Accessories & Parts For Your Sprayers



(A) EYELET TEE-JET NOZZLE

The finest nozzle you can use on any sprayer—solid brass collar goes completely around boom pipe for maximum strength. No holes to tap. To install simply drill hole in boom, slip nozzle over pipe and tighten locking screw. Connector will not leak and assures protection from shocks and jolts. Fits all 3/4" pipe. With screen and 5 gal. tip. Can be used with all flat and hollow cone tips listed.

Stk. No. 21A6—Wt. 5 oz. Ea. **\$2.20**

(B) TEE-JET SPRAY NOZZLES

All brass nozzles, with built-in strainer. 1/4" and 1/2" Pipe Thread. Gives a fan spray. Will work at pressures from 20 lbs. on up. Choice of 5 gallon or 10 gallon output, tips are interchangeable (extra tips listed separately below). Wt. 1/2 lb.

SPRAYS 5 Gallons per ACRE. **\$1.20**

Stk. No. 21A1—1/2" PIPE THREAD. Each **\$1.20**

Stk. No. 21A51—1/2" PIPE THREAD. Each **\$1.20**

SPRAYS 10 Gallons per ACRE. **\$1.20**

Stk. No. 21A2—1/4" PIPE THREAD. Each **\$1.20**

Stk. No. 21A52—1/4" PIPE THREAD. Each **\$1.20**

EXTRA TIPS FOR NOZZLES

TIP only, Sprays 5 Gal. per Acre. **40c**

Stk. No. 21A3—1 oz. Each **40c**

TIP only, Sprays 10 Gal. per Acre. **40c**

Stk. No. 21A4—1 oz. Each **40c**

TIP only, Sprays 15 Gal. per Acre. **40c**

Stk. No. 21A5—1 oz. Each **40c**

HOLLOW CONE TIPS

Teejet hollow cone tip, specifically designed for row crop spraying of insecticides. Cone tip gives thorough distribution over entire crop. Used extensively for corn borer control. Fits all nozzles above, including double swivel connectors.

Stk. No. 21A9—Wt. 1 oz. Ea. **70c**

COTTON TIP

Designed for cotton spraying. Fits all Tee-Jet nozzles listed. Sprays 1.5 to 3.7 Gals. per acre. All brass construction.

Stk. No. 21A7—Wt. 1 oz. Each **70c**

Cotton tip with stainless steel insert to resist action of some spraying chemicals. Keeps orifice from enlarging and give more uniform coverage.

Stk. No. 21A8—Tip & Insert, 1 1/2 oz. Ea. **\$1.10**



(C) CHECK VALVE & STRAINER

Prevents dripping of nozzle when pressure is shut off. Strainer can be used on all Tee-Jet nozzles. Check valve will open and close at 5 lbs. pressure. 100 mesh monel metal screen.

Check Valve & Strainer Stk. No. 21A22. **70c**

Wt. 1 oz. Ea. **70c**

Strainer Assembly Only. Fits all Tee-Jet Nozzles. Stk. No. 21A21. Ea. **40c**

Brass Hex Nut for Tee-Jet Nozzles and 21A18

Boom Drop. Stk. No. 21A71—

Wt. 1 oz. Each **15c**

Nozzle Blank for Shutting Off Tee-Jet Nozzles.

Remove hex nut, insert blank and replace nut. Stk. No. 21A72. Each **5c**

(D) DOUBLE SWIVEL CONNECTORS

For use with Tee-Jet nozzles. Set in any position in 280 degree arc. 1/4" inlet connection. Designed for corn borer type spraying. Heavy duty construction with leak-proof seal joint.

Stk. No. 21A10. 8 oz. Each **\$2.20**

ADJUSTABLE NOZZLE

Sprays from a fine mist to a solid stream from 3 to 38 ft. with 40 lbs. Works equally well with high or low pressure. Can be used with any hand tank sprayer or with Spraying System Trigger Tee-Jet—our #21A25.

Stk. No. 21A75—

Wt. 4 oz. Each **\$2.50**

(E)

Economy PRESSURE REGULATOR

Pressures calibrated from 25 to 175 pounds, just set the knurled cap at pressure desired and excess is automatically by-passed, insures smooth, even spraying.

Stk. No. 21A20—Wt. 1 1/2 lbs. Each **\$2.25**

(F) PRESSURE REGULATOR

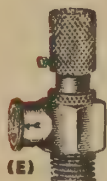
Regulates spraying system to maintain constant set pressure you choose. Permits pressure in spray boom to build up to pre-selected point, then by-pass liquid back to supply tank while maintaining set pressure. Standard 1/2" pipe thread into boom supply pipe. 1/2" pipe thread for by-pass return. Adjustable from 30 to 150 lbs.

Stk. No. 21A70—Wt. 3 lbs. Each **\$3.35**

High Pressure REGULATORS

Similar to above construction.

Adjustable from 25 to 400 lbs. Stk. No. 21A69—Ship. Wt. 4 lbs. Ea. **\$7.95**



PRESSURE GAUGE

Easy to read dial face is 2 inches in diameter. Records pressures accurately from 0 to 160 lbs. 1/4" pipe thread mounting. Will give you an accurate reading of spraying pressure at all times.

Stk. No. 21A23—Wt. 1 lb. Each **\$1.25**

High Pressure GAUGE

With 1/2" pipe connection. Records pressures from 0 to 400 lbs.

Stk. No. 21A68—Ship. Wt. 1 lb. Ea. **\$2.49**

SUCTION STRAINER

All brass 3/4" strainer, attaches to hose in supply tank and keeps out foreign matter that could clog your spray outfit. 100 mesh screen, with inner spring to prevent collapsing.

Stk. No. 21A19—Wt. 1 1/2 lbs. Each **\$3.96**

(J) HOSE SHANKS, TEES, NIPPLES

Hose shanks for making hose connections in sprayer systems.

MALE FITTING 1/4" size for 3/8" hose. **23c**

Stk. No. 21A27—Wt. 2 oz. Each **23c**

MALE FITTING 3/8" size for 1/2" hose. **23c**

Stk. No. 21A73—Wt. 2 oz. Ea. **23c**

MALE FITTING 1/2" size for 3/4" hose. **32c**

Stk. No. 21A15—Wt. 4 oz. Each **32c**

FEMALE FITTING 1/4" size for 3/8" hose. **23c**

Stk. No. 21A29—Wt. 2 oz. Each **23c**

TEE, 1/2" x 1/4" x 1/2" size. **32c**

Stk. No. 21A83 Ea. **32c**

NIPPLE, 1/2" size. **8c**

Stk. No. 21A84 Ea. **8c**

FOR TEE-JET NOZZLES

Special hose shank for connecting 3/8" hose direct to nozzle.

Stk. No. 21A32—Wt. 2 oz. Each **30c**

SPRAY HOSE

Extremely flexible heavy duty hose, highly resistant to agricultural spraying solutions, will not crack or deteriorate for many seasons. For working pressures up to 250 lbs.

3/8" I.D. HOSE. Stk. No. 21A33. 3 oz. Per Foot **20c**

3/8" HOSE CLAMP. Stk. No. 21A13. Each **5c**

1/2" I.D. HOSE. Stk. No. 21A34. 4 oz. Per Foot **29c**

1/2" HOSE CLAMP. Stk. No. 21A14. Each **5c**

High Pressure HOSE

3/4" hose for use with High Pressure pump (Stk. No. 21A93). For working pressures up to 800 lbs.

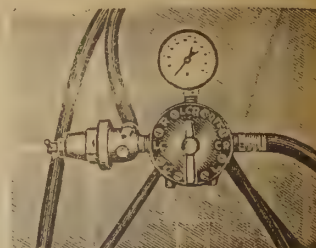
Stk. No. 21A80—Ship. Wt. per ft. 5-oz. Per Ft. **50c**

Field-Tested SPRAYERS

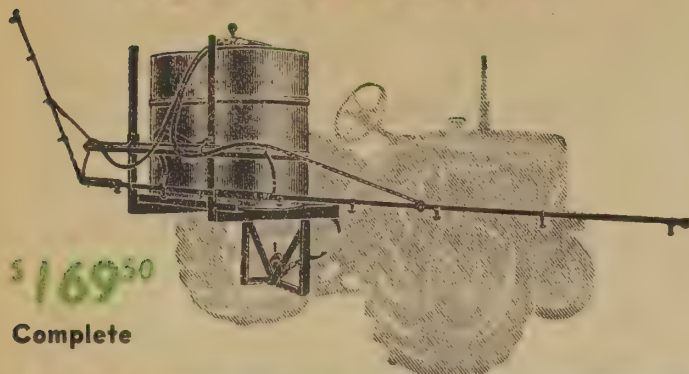
Compare These Trasco FEATURES:

Clog-proof Eyelet Tee Jet Nozzles
Full 6-Row Coverage, 13 Nozzles
Dependable Bronze Gear Pressure Pump
Sturdy Channel Iron Framework
Independent Control of Boom Sections
Double Hinged Booms Swing Up and Back
Relief Valve By-Pass for Solution Agitation
Control of All Operations From Seat

Improved 8-way Master Control Valve



TRACTOR MOUNTED



\$169⁵⁰

Complete

21 Ft. 6-ROW SPRAYER With Barrel Carrier

Boom, Pump and Mounting complete with Barrel Carrier. High quality heavy duty, 6 row (13 nozzle) rear mounted, sprayer constructed to carry two 55 gal. standard drum with top opening. Boom (21 foot) corrosion resistant $\frac{3}{4}$ " aluminum pipe or special heat process coated steel (whichever is available) fitted with 13 (5 gal.) collar-locked Teejet Nozzles spaced 20" apart on a 3 section boom. 8-way control valve allows operator to operate any one section or combination of sections from the tractor seat. Pressure by-pass valve attached to control pressure, adjusts from 0 to 175 lbs. By-pass valve is a diaphragm type for minute adjustments and even pressure. $\frac{2}{3}$ " pressure gauge registers 0 to 200 pounds pressure and is protected from initial pressure surge by a snubber within the base of the gauge. Sturdy bronze gear pump is 1" tapped $\frac{3}{4}$ " and provides adequate liquid at power take-off speeds for spraying and continuous by-pass agitation. Pump is secured to PTO by a heavy coupling with set screws, a chain prevents pump from turning. Pump is protected by a 100 mesh end of hose strainer. All hose is agricultural chemical resistant. Outer boom sections are supported by chain for easy vertical adjustments. Outer booms fold backwards, downwards and upwards on heavy duty steel hinge assembly.

Barrel mounts for the Universal Trasco Sprayer are constructed of heavy 3" structural channel, attached to the tractor axle from the top or bottom. Barrel mounts are also braced to the drawbar by adjustable angle braces. Cross members of heavy angle to support two 55-gal. drums, secured in position by threaded rods and clips from the top of the barrels to the plate at the base of the cross members.

All you need is two 55 gal. barrels for carrying spray fluid. All sprayers shipped F.O.B. your nearest store.

Stk. No. 21A42—Wt. 240 lbs. \$169⁵⁰

21 Ft. 6-ROW SPRAYER (Less Barrel Carrier)

Boom, Pump, Valves, Complete Less Barrel Carrier

21 ft. sprayer complete as Universal above, less barrel carrier and mounting brackets. At this special price you get 1" gear pump, P.T.O. coupling, 3 section boom fitted with collar locked Teejet nozzles, 8-way control valve, upright supports for boom, barrel strainer, gauge and relief valve, hose and fittings. F.O.B. your nearest store.

21' Special Sprayer
Stk. No. 21A40—Wt. 75 lbs. \$129⁵⁰

21' BOOM ASSEMBLY ONLY

Complete with upright supports, one crossbar brace, boom chains, and bolts required to assemble. Hinged 3 section boom same as used on sprayers listed above. $\frac{3}{4}$ " aluminum pipe or special coated steel boom fitted with 5 gallon Teejet nozzles spaced 20" apart. Boom is tapped and fitted for $\frac{3}{4}$ " hose. (Hose not included). F.O.B. your nearest store.

21' Boom Assembly.
Stk. No. 21A35—Wt. 75 lbs. \$68⁵⁰

BOOM EXTENSIONS

Pair of extensions, Increase overall boom width 80 inches. Made of $\frac{3}{4}$ " aluminum pipe or steel with two Teejet nozzles on each extension, giving additional two row coverage. Can be used with any Trasco Spray Boom on these pages. \$18⁹⁵

Stk. No. 21A36—Wt. 8 lbs. Pair

CONTROL CLUSTER to Make a SPRAYER

Includes 8-way control valve with mounting box to give operator complete control of spray. Controls right, left or center section or any combination of the three, pressure regulator, pressure gauge, mounting base and hose fittings. \$15⁹⁵

Stk. No. 21A85—Wt. 4 lbs. Complete

MAKE-A-SPRAYER KIT with PUMP

Includes the Control Cluster above and all fittings. Also P.T.O. coupler for $1\frac{1}{4}$ " or $1\frac{3}{8}$ " shaft and Rotary Gear Pump with 1" pipe thread #21A31.

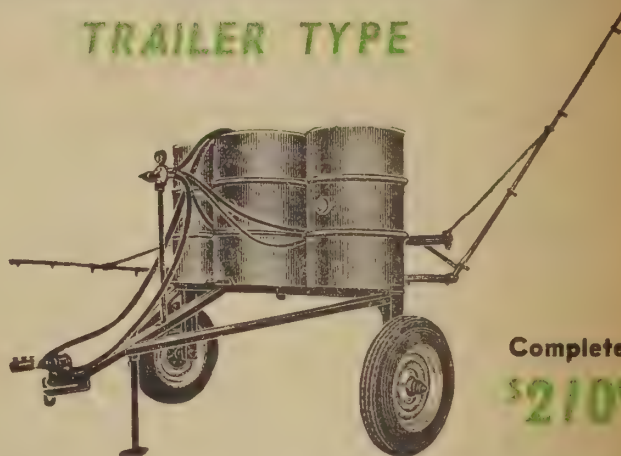
Stk. No. 21A86—Wt. 20 lbs. Complete \$38⁹⁵

21 Ft. 6-ROW SPRAYER for FORD

Complete 21' 6 row unit for all 1939-51. Has all the features of the Trasco Universal Sprayer including bronze gear pump. Sprayer is complete with three point suspension mounting for Ford, Ferguson, and other tractors featuring three point suspension, and is raised and lowered on the hydraulic system. Mount carries one 55 gallon drum.

Stk. No. 21A44—Wt. 265 lbs. Complete \$185⁵⁰

TRAILER TYPE



Complete

\$210⁰⁰

Comparable Trailer-Type Sprayers (excluding many of the Trasco features) cost upward from 50% to 75% more than the sprayer listed below. We can pass this savings back to you because of our huge distribution in all progressive farm areas.

Trasco Trailer-Type Sprayers are becoming more popular every day for 2 important reasons:

1. GREATER CONVENIENCE—It takes only a few minutes to hook-up. Adjustable stand-pipes keep trailer in position, ready to hook to tractor.
2. TAKES MORE SOLUTION INTO THE FIELD—Capable of taking 165 gallons of solution into the field in one trip. Carries 3 drums with 55 gallon capacity. Makes it possible to complete your spraying without return trips for refill.

TRAILER is built of heavy channel iron, reinforced throughout. Extensive testing prove that it will easily carry the heavy load of three 55 gallon drums of solution, withstanding the shocks of rough going.

21 FOOT BOOM mounts on trailer; 3 section type as described at left. Pump is high capacity 1" gear type, mounts to tractor with coupling furnished.

COMPLETE 8-WAY VALVE ASSEMBLY included with pressure regulator, by-pass valve, pressure gauge, and the controls needed.

TRASCO TRAILER TYPE SPRAY OUTFIT COMPLETE WITH 21 FOOT BOOM

Trasco Trailer Type Sprayer is complete with heavy duty trailer, 21' boom and mountings, pump, improved 8-way control, regulator, gauge, and all hoses necessary to set up. Trailer carries three 55 gallon drums (drums not included); has full roller bearing wheels to take 15" tires (tires not included); with roller bearing axles.

Stk. No. 21A46
Wt. 345 lbs. Complete \$210⁰⁰

TRASCO TRAILER ONLY

(drums & tires not included)

You can convert tractor mounted sprayer to trailer type with the Trasco Trailer.

Stk. No. 21A49
Wt. 280 lbs. Each \$89⁵⁰

BOOMLESS SPRAYERS

Only

\$87⁵⁰



BOOMLESS SPRAYER Specifications

Sprayer is complete (less barrel carrier). Unit includes pump, all necessary hose, suction strainer, shut-off valve, by-pass and relief valve, pressure gauge. With special mounting bracket and Boom Jet Nozzle which has height adjustment.

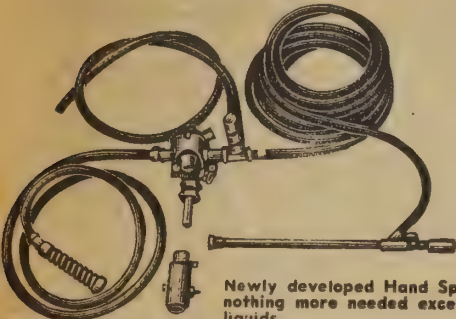
COVERAGE: Gives 38 ft. coverage with 10 lbs. pressure, spraying 5.2 gals. per acre at 5 MPH. 49 ft. coverage with 60 lbs. pressure spraying 5.8 gals. per acre at 10 MPH.

Stk.No.21A45—Ship. Wt. 50 lbs. **\$87.50**

BARREL CARRIER For Above Sprayer

Universal barrel carrier mounts on most all tractors, except Ford. Built to be used with mounting bracket included with Boomless Sprayer. **\$44.50**
Stk.No.21A41—Ship. Wt. 160 lbs.

Hand SPRAY GUN Kit



Newly developed Hand Spray Gun Kit, complete with nothing more needed except power and container for liquids.

Kit contains 1/2" Gear Pump (Stk.No.21A12) which will deliver 4 gals. per minute with discharge pressure of 100 lbs. at 1,000 RPM's, Regulator, Strainer, PTO adaptor, Hand Spray Gun (Stk.No.21A60), 25 ft. of hose, 12 ft. of 1/2" intake and by-pass hose, and all the hose clamps and necessary fittings.

Power can be taken from PTO shaft, gas engine or electric motor. The ideal unit for spraying tree plots, storage bins, barnyard, cattle, etc. **\$38.50**
Stk.No.21A87—Ship. Wt. 18 lbs. Kit



LOW PRESSURE SPRAY GUN

An inexpensive low-pressure spray gun that sprays from a fine mist to a solid stream by simple turn of the handle. All-metal construction, shut-off valve in handle. Ideal for small tree plots, storage bins, fence rows, barnyard, ditches, cattle and barns. **\$6.95**

Stk. No. 21A60—Wt. 1 1/2 lbs. Ea.

High Pressure SPRAY GUN

Spray Gun designed for high pressure spraying, but will function perfectly with pressure as low as 100 lbs. Similar construction as gun illustrated above. All gaskets are neoprene. Discs are hard stainless steel. **\$7.95**

Stk.No.21A59—Ship. Wt. 3 lbs. Ea.



48" trigger Tee-Jet hand boom, light in weight and easy to operate. Boom is made copper alloy, with large rubber covered handle. Trigger lock permits continuous spraying—easily disengaged for trigger control. Swivel nozzle can be set in any position on 80° arc. Covers 89" at 60 lbs. pressure. Each complete with 25 ft. of high quality hose. **\$12.95**

Stk. No. 21A25—Wt. 5 lbs. Each

EXTRA HOSE—25 ft. length.

Stk. No. 21A26—Wt. 3 lbs. Each **\$4.75**

BOOM DROPS

For Cotton Spraying or Corn Borer Control

48" boom drops for cotton and corn borer spraying. Made of 1/4" pipe fitted with short rubber section for flexibility. Hose ferruled on both ends. Drops have 1/4" male connection on top and 280° double swivel leak-proof connector on the other. For use with Teejet tips. Tips and nuts are not included. Set of 7 drops requires 12 tips, 12 nuts and 2 blanks. For extra tips, blanks and nuts see Page 23. **\$27.95**

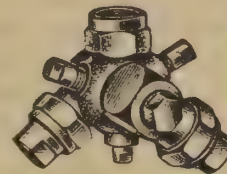
Stk. No. 21A18—Wt. 1 1/2 lbs. Each

Stk. No. 21A18X—7 drops—Wt. 10 lbs. Set **\$23.95**

"S" Offset Row Crop CONNECTOR

Now it is simple and easy to convert your sprayer from 20" centers, to 24", 32", 36", 40" or 42" widths

for row crop spraying. "S" connector allows you to spray at one width, then change to another width in a matter of seconds. Fits all standard Tee-Jet nozzles. Made of brass with special construction to withstand shock. **\$1.00**
Stk. No. 21A24.
Wt. 1/2 lb. Ea.



'Miracle' BOOM JET NOZZLE

New Boom Jet Nozzle—does the work of an entire 21' or 30' spray boom. One single nozzle gives 21' coverage with 10 lbs. pressure spraying, 5.1 gallons per acre at 5 M.P.H. The double nozzle covers 38 ft. nozzle is ideal for broadcast spraying of insecticides and herbicides in pastures or small grain, defoliant spraying, for roadside, ditch banks, sloughs, woodlots and drainage ditches. 3/4" female connection. **\$24.50**

Stk. No. 21A61—Double Boom Jet Wt. 1 1/4 lbs. Ea.

Stk. No. 21A62—Single Boom Jet Wt. 1 lb. Ea. **\$15.95**

8-WAY CONTROL VALVE



A simple precision made, trouble free master control for all farm sprayers. 8-way valve gives operator complete control of all boom sections. Controls the spray in the right, left or center boom section or any combination of the three by an easy turn of the control lever. Three 3/4" outlets for the boom section. 1/2" openings provide for hose from pump and pressure regulator with by-pass. 1/4" opening for pressure gauge. **\$10.95**

Stk.No.21A90—Wt. 2 lbs. Each

SPRAY METER

Check the gallons per acre being sprayed, check the output of each individual nozzle if desired. Quart size jar calibrated for measuring. Full instructions included. **\$2.49**

Stk.No.21A92—Wt. 2 lbs. Each



NUTRA SOL



Prevents contamination when changing from one chemical to another. Use before spraying to remove scale, rust and dirt. Protects pump and valves—reduces strainer clogging and minimizes nozzle wear. Use after spraying to remove remaining chemical, stop corrosion during storage. 1 lb. can. **69c**

Stk.No.21A78—Wt. 1 lb. Each

SPRAYER—FLAME THROWER

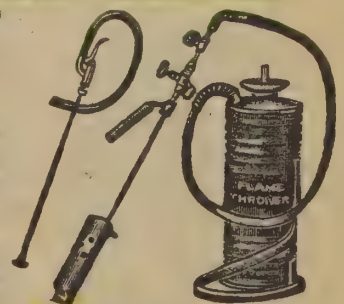
Here is one of the handiest units you can own! Burner kills weeds, thaws pipes, heats water, etc. Sprayer handles disinfectants and insecticides for buildings, crops and cattle.

Specifications of Complete Unit
Tank: 3 1/2 gal. capacity, complete pump and carrying strap. Tested at 125 lbs. Flame thrower equipment complete with valve and pressure gauge. Sprayer equipment with boom, hose and all fittings. Complete instructions included.

FLAME THROWER COMPLETE
Hand spray tank, spray unit, with flame thrower assembly. **\$16.95**
Stk. No. 49A60. 18 lbs.

FLAME THROWER ONLY
To use with your own tank. **\$11.45**
Stk. No. 49A61. 10 lbs.

HAND TANK—SPRAYER
Hand tank and sprayer less flame thrower. **\$7.95**
Stk. No. 49A59.



Hand sprayer has a lever type handle for ease and convenience.

Burner produces a white hot flame that kills noxious weeds instantly. Burns 94% air, operates about 1 hour on a gallon of fuel.



GRAIN LOST
IS MONEY
WASTED

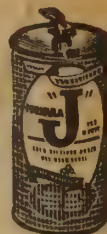
Low \$7.45
As

CANVAS COVERS

Now Protected by Formula "J"

- Rotproofed
- Waterproofed
- 12-Oz. Heavy Duty Canvas

Extra Service and Extra Long-Life are added to all Canvas Covers impregnated with Formula "J". This wonder fungicide gives lasting protection against ROT—MILDEW—MOLD! Exhaustive tests prove conclusively that Formula "J" kills fungus growth on contact and will positively prevent attack on materials so treated.



All Canvas Covers are treated with Formula "J" and thoroughly waterproofed. Made of heavy 12 oz. duck (before treating). Leather corner patches with grommets on each patch. Seams stitched throughout with rotproof thread. Canvases are listed in Cut Size. Actually size is slightly smaller due to hems, etc.

Cut Size: 6x10 Ft. Stk. No. X-140. Wt. 9 lbs. Each	\$9.95
Cut Size: 8x12 Ft. Stk. No. X-139. Wt. 11 lbs. Each	\$15.95
Cut Size: 10x15 Ft. Stk. No. X-141. Wt. 21 lbs. Each	\$24.50
Cut Size: 12x16 Ft. Stk. No. X-142. Wt. 27 lbs. Each	\$30.95

FORMULA "J"

Protect fabric and leather with this wonder fungicide. Positively prevents ROT—MILDEW—MOLD! Use it on tarpaulins, camp and sports equipment, shoes, etc. Eliminates musty odors. Will not wash out. In handy 'spray-top' container. Covers about 200 sq. ft.

Formula "J" for Fabric. Stk. No. 20A61..... **\$1.89**
Formula "J" for Leather. Stk. No. 20A62 **\$1.89**

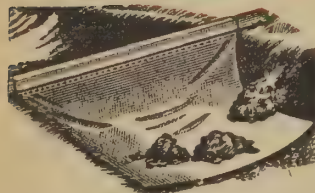
Heavy Duty Waterproofed Covers

Closely Woven, Impregnated Against Any Weather Damage

These farm covers are made of heavy duck, closely woven, and absolutely water tight. The extra heavy material meets army specifications and averages 12 ounces per square yard before treating which means it must be tight and durable. Heavy weight canvas is 10 oz. before treating. Both have been thoroughly impregnated with waterproofing material, not just lightly coated. Not treated with Formula J. Covers are ideal for protecting farm machinery, covering tops of grain or stock trucks, and dozens of other places where water, sun, or wind would do damage. Rust resisting brass grommets are inset all along edges, heavily reinforced to resist pulling, takes 3/4" ropes. Select the sizes you need from listing below.

Sizes shown are cut sizes.
Finished size is about 3% less.

Irrigation DAM CANVAS



- Full Width Material
- Rot Resistant
- Treated With Formula "J"

Because Formula "J" successfully combats ROT—MILDEW—MOLD it adds greatly to the life and service of Dam Canvas. Order Today at these money saving prices!

SUPER QUALITY DAM CANVAS

SUPER QUALITY, by far the finest you can buy. Treated with Formula "J" to make last several times longer than ordinary dam canvas. When subjected to 30 day burial test, this canvas loses less than 2% of its tensile strength. Regular canvas of this 10 oz. weight will lose practically all of its tensile strength. Made to twice government standards. Heavy 10 oz. weight (before treating). Full width material—No center seam.

5x7 FT. Size. Wt. 7 lbs. Stk. No. X105.....	\$5.75
5x9 FT. Size. Wt. 9 lbs. Stk. No. X107.....	\$7.65



Extra Values!

6 In. x 60 Ft.

Only \$69.95

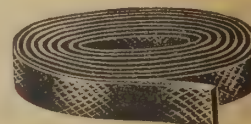
7 In. x 50 Ft.

Only \$67.95

CANVAS WEB STRAPS

Heavy 3 ply woven canvas strap, sold by the running foot or in economical 25 foot rolls. For repairs and service on binder and combine canvas.

1 1/4" Width. Stk. No. X-121.....Foot,	10c
Save on 25' Roll, only \$2.00	
1 1/2" width. Stk. No. X-122.....Foot,	13c
Save on 25' Roll, only \$2.75	
2" Width. Stk. No. X-123.....Foot,	17c
Save on 25' Roll, only \$3.50	
2 1/2" Width. Stk. No. X-125.....Foot,	20c
Save on 25' Roll, only \$4.50	



BELT DRESSING

Shep's belt dressing is a super preservative and adhesive for use on all leather, cotton and rubber belts. Stops slipping the second it is applied. Does not glaze or harden on the belt.

1 LB. STICK—Stk.No.20A58—Ship. wt. 1 lb.....	Ea. 27c
1 PINT CAN—Stk.No.20A57—Ship. wt. 1 1/4 lbs.....	Ea. 43c

HAMMERMILL BELTS

For THRESHERS, HAMMERMILLS and Other Farm Machines Where a Top Grade, Raw-Edged, Easy Flexible Belt Is Desired.

These Grade "A" Nationally Advertised Belts are built for maximum service on Hammermills. Will also prove vastly superior on Threshers, Ensilage Cutters, Wood Saws, Severe Tractor Drives and all other equipment using an endless belt.

Made of specially woven, extra heavy fabric. Layers of skim between each ply insures maximum cushioning and flexibility. These extra layers between the plies prevent separation. There are no splices to come apart as the belt is made endless by a continuous wind process. The square, protected edges assure a smooth running and highly flexible belt that is unequalled for wear.

NOTICE—Endless Hammermill Belts are actually 3 ft. shorter than listed, (standard industry practice) due to lap necessary for splice.

40 Ft. Long. 6 In. Wide. 4 ply. Stk. No. BH-6404. Each	\$59.95	50 Ft. Long. 7 In. Wide. 4 ply. Stk. No. BH-7504. Each	\$67.95
50 Ft. Long. 6 In. Wide. 4 ply. Stk. No. BH-6504. Each	\$67.95	60 Ft. Long. 7 In. Wide. 4 ply. Stk. No. BH-7604. Each	\$69.95
60 Ft. Long. 6 In. Wide. 4 ply. Stk. No. BH-6604. Each	\$69.95	75 Ft. Long. 7 In. Wide. 4 ply. Stk. No. BH-7754. Each	\$79.95
75 Ft. Long. 6 In. Wide. 4 ply. Stk. No. BH-6754. Each	\$74.95	100 Ft. Long. 7 In. Wide. 4 ply. Stk. No. BH-71004. Each	\$139.95

ELECTRIC FENCE NEEDS

FENCE CHARGERS



One strand of "charged" wire mounted on stakes will do the work of five strands of woven wire mounted on posts. The modern way to keep stock under control . . . at less expense!

ALL ELECTRIC UNIT charges up to 15 miles of fence, giving continuous shock. 115 volt A.C. 60 cycle current. No moving parts. In weatherproof steel case. **Stk.No.35A77. \$15.95**
Ship. Wt. 4 lbs. Ea.

BATTERY UNIT for 6 volt wet or dry batteries. Charges up to 15 miles of fence. Uses little current. Has rotating visible dial which shows when charger is operating. With adaptor for "hot shot" battery. In weatherproof steel case. **Stk.No.35A75. \$12.95**
Ship. Wt. 5 lbs. Ea.

Electric FENCE POSTS

Easy-to-set rod type post 54" long, made of 3/4" steel with welded anchor plate. Comes complete with 1 adjustable insulator which can be set at any desired height without tools. Finished in red baked enamel. **49c**
Stk.No.35A85—Ship. Wt. 2 lbs. Ea.
SAVE MORE! Buy Posts in Lots of 10 10 Posts Only \$4.50

Electric FENCE WIRE



STEEL WIRE, galvanized and lightweight. Ideal for electric fencing and many repair jobs around the farm. Can be easily spliced. Will not stretch readily. 160 rods on spool. **\$4.50**
Stk.No.35A80—Ship. Wt. 13 lbs. Spool



ALUMINUM WIRE, 13 gauge. Has about 5 times greater conductivity than steel wire. Light in weight easy to handle . . . cannot rust. 80 rods in coil. **\$6.50**
Stk.No.35A81. \$6.50
Ship. Wt. 10 lbs. Coil

"Sudbury" SOIL TEST KITS

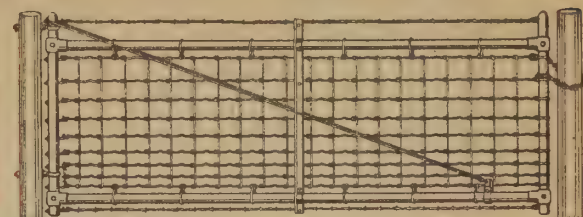


Know exactly which fertilizer, and how much, to apply to each part of your acreage! It's easy and inexpensive to make these important tests from year to year—and from field to field. By making these important tests yourself you save both time and money. When soil samples are mixed with prescribed solutions and compared to color chart, you will know if soil is lacking nitrogen, phosphorus, potash, lime, etc. Enough solutions to make from 75 to 100 tests in kit. All chemicals, charts, instructions included. Kit comes in 4x6x12 inch fitted box. **\$14.50**
Stk.No.19A82—Ship. Wt. 7 lbs. Complete Kit

FARM GATES & GATE IRONS

Low As **\$19.95**

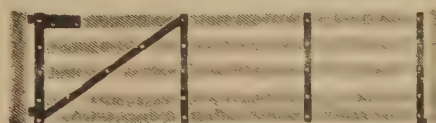
STEEL GATES



All gates are 54" high, made with 1 1/2" tubing frame and welded steel couplings. Special non-slip raising device makes it possible for gate to be raised to permit small animal to pass underneath. Filler wire is No. 9-1 gauge, 39" high, with 1 strand of barbed wire at both top and bottom. Furnished with eye bolt hinges for wood posts. 18 ft gate has extra upright center brace and extra raising device. All gates Shipped F.O.B. Factory near Waterloo, Ia.

Length of Gate	Stk.No.	Ship.Wt.	Each
10 FT.	49A85	80 lbs.	\$19.95
12 FT.	49A86	90 lbs.	21.95
14 FT.	49A87	100 lbs.	22.50
16 FT.	49A88	110 lbs.	23.75
18 FT.	49A89	130 lbs.	27.50

Economy FARM GATE IRONS

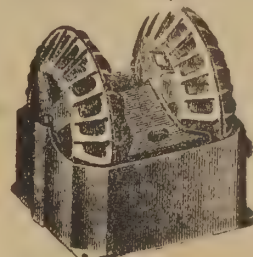


Build your own 12, 14, or 16 foot gate and SAVE! Kit contains everything you need; upright and diagonal braces, hinges, nuts, bolts, angle supports and pivot pins. All you need is 1x6 in. or 1x8 in. lumber to build a gate which will last a lifetime. "U" shaped end irons hold boards in vise-like grip. Diagonal irons exert a constant upward pull on all 5 cross boards. Enameled irons bundled, with bolts ready to assemble. **\$8.45**
Stk.No.49A90—Ship. Wt. 40 lbs. Set

Heavy Duty STOCK GATE IRONS

Te be used with 2x6 in. or 2x8 in. to build a rugged gate up to 14 ft. long, 54 in. high. Upright angle braces, 2"x1 1/2", 80" angle brace, hinges of 1/4"x2 1/2" flat strap, welded hinge bolt, 5/8" round eye bolt with welded eye—all are included in kit. With all necessary 3/8" bolts and nuts. **\$19.95**
Stk.No.49A91—Ship. Wt. 90 lbs. Set

Double Gear HOG OILER



Heavy cast iron, two wheel roller type oiler for ridding hogs of lice and parasites. Heavy cast base with anchoring lugs. Wheels turn easily. Rubbing action keeps oil film on top section. Holds 6 qts. of oil. **\$10.95**
Stk.No.X-1022—Ship. Wt. 49 lbs. Ea.

STEEL BASKETS



Heavy duty, double bottom, galvanized baskets with rope handles. Made of 28 gauge cold rolled steel with 18 gauge handle clips welded to basket, reinforced with 1/4" steel rod. Sides and bottom welded into one piece—no rivets. Continuous triple bead around top for extra strength. Entire basket is hot-dipped galvanized to put a heavy rust-resisting coat of zinc on every part. **\$2.95**
1 BU. SIZE—Stk.No.48A50. Ship. Wt. 7 lbs. Ea.
1 1/2 BU. SIZE—Stk.No.48A51. Ship. Wt. 8 1/2 lbs. Ea. \$3.25

AUTOMATIC EXPANSION CONTROL for HAY BALERS

Gives You Uniform Size & Density of Bales

Only **\$39.95**

Set baler press in the morning and it will take care of all needed adjustment for the rest of the day.

Each bale will come out of uniform size and density, regardless of toughness or density of growth—and EVERY BALE UNBROKEN

Think what a savings this baler attachment can mean to you! No longer will it be necessary to have a hired man ride along to make adjustments depending on the type of hay or straw you are baling. And there is a considerable savings in time and twine because each bale is uniform before it is tied—of uniform density, able to hold its own weight to make stacking and storing easier, will not topple over from settling.

SPECIFICATIONS

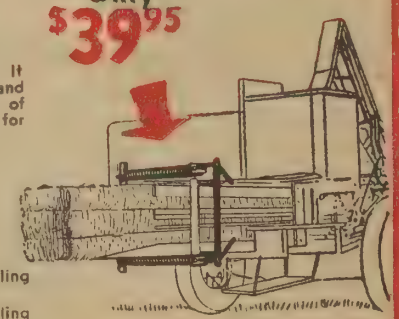
Expansion control device fits on the press of your baler. It has 4 heavy duty compression springs—2 at the top and 2 at the bottom, with adjustment levers. All parts are of heavy duty iron and steel construction that will last for years. A Precision made attachment.

FOR NEW HOLLAND BALERS

MODELS 73 TO 76—Stk. No. 51A80
MODEL 77—Stk. No. 51A81

FOR McCORMICK-DEERING BALERS

MODELS 45T and 50T with "U" clamp across baling chamber. Stk. No. 51A82
MODELS 45I and 50I with spring across back of baling chamber. Stk. No. 51A83 Ea. \$39.95





Trasco SELF SPRAYING ENAMEL

For the first time in paint history, science has found a way to keep paint in ready-to-use condition without mixing or stirring. Trasco Enamel is homogenized—never settles, thickens or dries in the can. Made of highest grade oils and pigments. Trasco Enamel forms a fine, even mist, dries to a mirror-smooth finish that retains its beauty and lustre despite repeated washing, scrubbing and abuse. Anyone can get "professional" results with Trasco Self-Spraying Enamel. Sprays direct from the can—always ready for use—guaranteed not to clog. Ingenious, patented spray head sprays fine mist of paint upon light finger pressure. Dries dust free in 30 minutes, hard in 4 hours.

SHAKE CAN — YOU'RE READY TO PAINT

Eliminates the fuss of getting ready to paint. No expensive brushes to buy and clean for storage, no thinner to buy for cleaning brushes and thinning paint, no stirring—simply pick up the can, shake, and Trasco Self-Spraying Enamel is ready for use. When you have finished turn the can upside down, press the No-Klog Spray Head approximately 2 seconds to clean the siphon tube, put the can away and it is ready for use the next time you want it. No paint is wasted from hardening in storage.

Trasco Plastic Clear No. P-48 is a plastic spray, when applied properly will give a tough, attractive, transparent, flexible film. This film protects against weather, heat, cold, mild acids, alkali, corrosion and water. Can be used on all metals, wood and leather. Ideal for water-proofing ignition systems. Ship. Wt. 1 lb.

P-30.....Allis Chalmers Orange	P-39.....Pastel Blue
P-31.....John Deere Yellow	P-40.....Sea Foam Green
P-32.....Ford Gray	P-41.....Gold
P-33.....Case Flambeau Red	P-42.....Dynamic Maroon
P-34.....John Deere Green	P-43.....Cayuga Blue
P-35.....Ford & Massey-Harris Red	P-44.....Gloss Black
P-36.....Oliver Green	P-45.....Gloss White
P-37.....Minneapolis-Moline Gold	P-47.....Aluminum
P-38.....IHC Red	P-48.....Plastic Clear



EASY TO USE — No mess, no bother. A professional job in half the time. No waste—always ready to use.

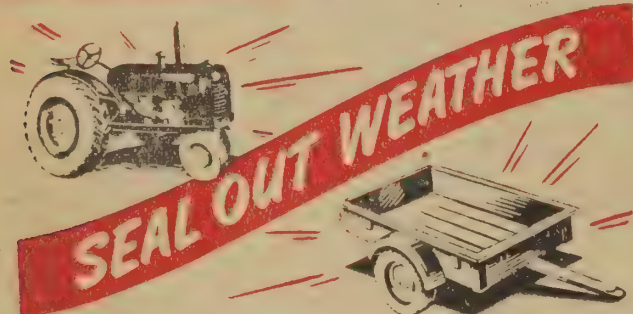


BEAUTIFUL HOUSE-HOLD COLORS available. Buy several cans and save!

12-Oz. CAN
Ea. \$1.39
(One tip) 3 for \$3.69



STOPS RUST FOR-
MATION right in the field. "Touch-up" your implements quickly, easily



COLORS MATCH ORIGINAL

ANY COLOR \$1.75 QUART \$5.95 GALLON

POWER TAKEOFF ADAPTORS



ECONOMY ADAPTOR—Increases 1 1/8" Shaft to 1 1/2" (At Left) Machined steel, fully raised splines, increases 1 1/8" shaft to 1 3/8". Low Cost, Does the Job. Stk.No.T-354. 6 oz Each, **\$2.25**



EXTENSION ADAPTOR—Increases 1 1/8" to 1 1/2" (At Right) Heavy duty machined steel, increases 1 1/8" shaft to 1 3/8", also extends length 4". Stk.No.T-355. 1 1/2 lbs. Each, **\$3.59**

REDUCER ADAPTOR—Decreases 1 3/4" to 1 1/2" Heavy duty machined steel, decreases 1 3/4" shaft to 1 1/2", also extends length 4". Stk.No.T-357. 3 1/2 lbs. Each, **\$6.50**

REDUCER ADAPTOR—Decreases 1 3/4" to 1 1/2" Heavy duty machined steel, reduces 1 3/4" shaft to 1 1/2" spline, also extends length 4". Stk.No.T-356. 2 1/2 lbs. Each, **\$5.95**

ELLIS CONTOURLINER

- Lays Contour Lines While Plowing or Planting
- Eliminates Need of Staking and Surveying

No longer is it necessary to stake out guide lines from year to year for contour plowing and planting. The time and money used for staking and surveying are **SAVED!** because Ellis Contourliner does all the work for you.

Makes possible the running of level contour lines every foot of the way across a field, around points, and on shallow steep slopes. Gravity operated level mechanism. Aluminum cast case, 8 1/2"x3 1/2"x4" size. Dial is calibrated in percent of slope and shows instantly when tractor moves above or below contour line. Sealed plastic face over indicator is non-breakable. Stk. No. 3E-98. Ship. wt. 3 1/2 lbs. **\$1995**



Mounts on Tractor Head

Trasco Enamel

PROTECTS FARM EQUIPMENT

Painting weatherbeaten tractors and other expensive equipment is sound protection that costs little, saves plenty. Trasco Enamel has been developed to provide a tough, fade-resistant gloss finish for exposed wood and metal parts. Easy to use. flows on smoothly, dries overnight. Can be brushed or sprayed. One quart will give small tractor one coat. SHIP. WT.: QUARTS, 5 lbs.; GALLONS, 16 lbs.



COLOR	QT. GAL.	COLOR	QT. GAL.
RED, for IHC, Farmall	P-13 P-113	ORANGE, for Allis Chalmers	P-12 P-112
GRAY, Late Color for Ford	P-14 P-114	RED-Flambeau, for J. I. Case	P-17 P-117
RED, Trim for Ford	P-20 P-120	GREEN, for Oliver	P-18 P-118
GREEN, for John Deere	P-10 P-110	YELLOW-Gold for Minn. Moline	P-19 P-119
YELLOW, Trim for Deere	P-11 P-111	RED, for Massey Harris	P-20 P-120

De Luxe GAS GAUGE

Accurately calibrated gauge that fits right on top of your gas tank in clear view at all times. Gives a true reading of the amount of fuel left in the tank. Substantially made of corrosion-proof materials for long life. Order by exact make and model. **Replaces Your Gas Tank Cap \$385 ONLY** Ship. Wt. 1 lb.

For ALLIS CHALMERS

WC, 1934-39 18A35
WD, G, WC 1939 and up 18A36
B, C, All 18A38

J. I. CASE

D, DC, All 18A41
L, LA, All 18A39
VC, VAC, All 18A32

CO-OP, COCKSHUTT

Co-op E3, Cockshutt 30, 18A38
Gamble Farmcrest 30, 18A38

JOHN DEERE

A, 1934 to June 1950 18A33
A, June 1950 and up 18A40
B, 1934-41 18A34
B, 1942 and up; G 1937-41 18A42
D, 1930-37 18A33
D, 1938 up; G 1942 up 18A37
H, All 18A35

IHC, FARMALL

Reg. & F-20 (not screw caps) 18A37
A, B, C, All 18A35
H, W-4, All 18A34
M, W-6, All 18A33
W-9, All 18A40

Combines and Balers using Cont. 1Y69 Motor 18A33

MASSEY HARRIS

30, 44, All 18A43
55, 201, 202, 203 18A44
101 Jr.; 102 Jr. 18A42
101 Sr.; 102 Sr. 18A37

MINNEAPOLIS MOLINE

R, RT, U Series 18A36
G, Z, ZA Series 18A38

OLIVER

60, 66 18A33
70 (cut hole in hood) 18A43
77 18A44
88 18A31
80, 90, 99 18A40



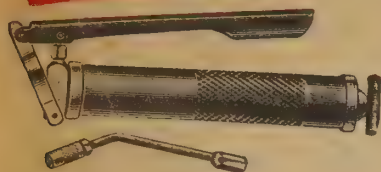
HEAT INDICATORS

COMPLETE UNIT, can be installed on any tractor, car or truck not previously equipped. Has fittings to fit into radiator hose or block. Wire length 4 1/2 feet. A Precision Gauge that will give you a constant and accurate recording of water temperature. Stk. No. 19A27. Complete, 1 1/4 lbs. Each, **\$3.19**

REPLACEMENT UNIT for IHC H and M 19" wire length, complete with fittings for block only. Like Stk. No. 19A6. 1 lb. Each, **\$2.35**
IHC part 67135D.

23 Complete Stocks At Same Low Prices!

Trasco Quality Lubrication Equipment



Trasco GREASE GUNS

• Full Spring Feed
• Develops 5000 lbs. Pressure
• Complete with Angle Pipe & Coupler
Trasco heavy duty grease guns, developed especially for farm lubrication. Push type lever handle develops 5000 lbs. pressure. Will operate efficiently with all gun grease and semi-fluids commonly used for lubricating farm equipment. Each complete with angle pipe and snap-on coupler for hydraulic and Zerk fittings.

29 Oz. Capacity Gun
Stk.No.L-33—15 inch barrel.
Wt. 7 lbs.Ea. **\$3.75**

18 Oz. Capacity Gun
Stk.No.L-36—11½ inch barrel.
Wt. 5½ lbs.Ea. **\$2.85**



GREASE FITTINGS

Low
As **3^c** Ea.

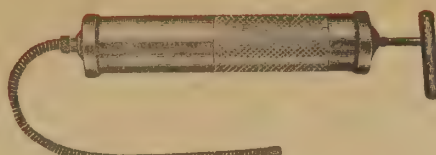
1/8" STRAIGHT	Stk.No.L-10. Ea.	3c	Pkg. of 12, 35c
1/8" 30 Degree Angle.....	Stk.No.L-11. Ea.	7c	Pkg. of 12, 83c
1/8" 60 Degree Angle.....	Stk.No.L-12. Ea.	7c	Pkg. of 12, 83c
1/8" 90 Degree Angle.....	Stk.No.L-13. Ea.	7c	Pkg. of 12, 83c
1/8" Extended, 1¾" Long.....	Stk.No.L-14. Ea.	15c	Pkg. of 6, 73c
1/4" STRAIGHT	Stk.No.L-16. Ea.	11c	Pkg. of 6, 55c
1/4" 60 Degree Angle.....	Stk.No.L-17. Ea.	15c	Pkg. of 6, 73c
Midget 1/4" actual size, 28 taper thread as used on harrows, etc.	Stk.No.L-15. Ea.	5c	Pkg. of 12, 49c
ADAPTER, uses 1/8" fitting in 1/4" hole.....	Stk.No.L-18. Ea.	7c	Pkg. of 12, 69c

36-PC. GREASE FITTING ASSORTMENT

Handy farm assortment of 36 fittings, all 1/8" size, 24 straight and 12 angle fittings.
Stk.No.L-3—Wt. 1 lb.Asst. **\$1.49**

60-PC. GREASE FITTING ASSORTMENT

Deluxe assortment of 60 fittings, all 1/8" size, 24 straight and 36 assorted angle fittings.
Stk.No.L-6—Wt. 3 lbs.Asst. **\$3.19**



Trasco SUCTION GUNS

Ideal for draining and filling transmissions, differentials, wet clutches. Can be used wherever fluid lubricant is required. Double capacity leathers—can be used for either discharging or extracting. Full 20-oz. capacity. Made for heavy duty use. With plated finish.

Each complete with 16" metal flexible hose, sturdy handle.

Stk.No.L-35—Wt. 3 lbs.Ea. **\$2.10**

SNAP COUPLERS

UNIVERSAL TYPE 1/8" female thread, 11/16" diam., 1¾" long.
Stk.No.L-43.Ea. **59c**

THIN NOSE to fit in tight places.
9/16" diam., 1¾" long.

Stk.No.L-48—Wt. 4 oz. Ea. **59c**



Trasco GREASE GUN BRACKET

Regular greasing is often delayed when your grease gun is misplaced. This can't happen if your gun is stored in a regular place—on your tractor, implement or shed wall. Bracket is made of heavy welded steel with holes drilled for easy mounting—designed to hold guns securely. With rust-resisting primer coat of paint.

Stk.No.L-30—Wt. 1 lb.Ea. **59c**

FLEXIBLE HOSE

3-ply neoprene, with fitting for gun and hydraulic coupler. Leakproof. For hard to reach places.

Stk.No.L-44.Ea. **\$1.59**

Wt. 1 lb.Ea. **\$1.59**

GREASE GUN PIPE

Threaded on both ends to fit any standard grease gun. Not pictured.

Stk.No.L-42—Wt. ¼ lb.Ea. **19c**



SWIVEL COUPLER

360°, all steel swivel coupler with ball check. Locks in 18 rigid positions.

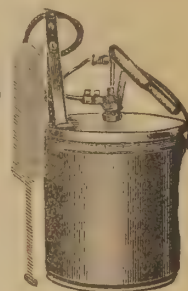
Stk.No.L-19—Ship. Wt. ½ lb. Ea. **\$3.50**

Trasco GREASE DISPENSER

The ideal unit for lubricating transmissions, differentials, and gear cases. Consists of cover, assembly that fits onto any 25 to 40 lb. grease pail, handle, spout and 4 ft. hose.

Handles all gun greases and semi-liquid transmission types.

Stk.No.L-47—Wt. 16 lbs.Ea. **\$3.95**



TEXACO

REG. T.M.

MOTOR OIL

- Insulated
- Havoline

GREASE

- Marfak
- Agrilube

Buy Texaco Lubrication Products at TRACTOR SUPPLY—For Less! All Farm Stores carry complete stocks of Oils & Greases. Write for listings at special money-saving prices.

LIQUID DISPENSERS

PULL-UP PUMP

An inexpensive all metal pump, especially useful for withdrawing liquids from drums set on a low level. Operator lifts upward, similar to a stirrup pump used for spraying. Threaded to screw into either 1½" or 2" bung hole. 42" high overall, complete with suction and outlet pipes. Hose may be coupled to pump and used for transferring oil, gas, alcohol or liquid fuel directly from barrel to tank in one easy operation.

Stk.No.L-38.
Wt. 11 lbs.Ea. **\$3.95**

8 FT. OIL DISPENSING HOSE

For use with Rotary pump at right. 8 ft. oil resisting hose with static wire for grounding. Each complete with nozzle and threaded coupling. Will handle all liquids except highly volatile solvents.

Stk.No.L-41Ea. **\$3.95**

ROTARY PUMP

High speed rotary pump affords the easiest way to transfer liquids from drum. Pumps 10 gals. per minute with normal 10 ft. lift. Rotor is made of non-corroding zinc alloy, pressure lubricated. Patented device assures it of never losing prime. Dripless outlet drains back into barrel. Each pump supplied with 42" suction pipe for drum, easy-action rotor, and rotor spout as illustrated.

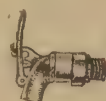
Stk.No.L-45.
Wt. 13 lbs.Ea. **\$14.95**

GASOLINE HOSE

For Overhead Tanks

Approved Neoprene 2 braid hose for overhead tanks. 10 ft. long, 1½" outside diam. With 1" male fittings on each end. Has static wire to prevent sparks. Flexible, easy to handle.

Stk.No.L-40.
Ship. Wt. 7½ lbs.Ea. **\$6.50**



BARREL FAUCET

High tensile iron faucet, made with ¾" iron pipe thread to fit standard 1" opening. Self-aligning valve mechanism—will not leak. Shuts off when handle is released. Easy to padlock.

Stk.No.L-39.
Wt. 1 lb.Ea. **98c**

PRESSURE OILERS



All metal oilers with bronze sleeve pump, designed for positive action.

6-oz. Size with Holder
6" spout. With base or wall mounting bracket.
Stk.No.L-27.
Wt. ½ lb.Ea. **\$1.55**

PINT SIZE. 9" spout at 45° angle. Stk.No.L-28.
Wt. 1¼ lbs.Ea. **\$1.95**

QUART SIZE. 11" detachable vertical spout.
Stk.No.L-29.
Wt. 2½ lbs.Ea. **\$2.89**

18" FLEXIBLE SPOUT for above.
Stk.No.L-32—Wt. 4 oz.Ea. **89c**

Your Satisfaction Guaranteed On Each Transaction!

Pressed Steel "V" PULLEYS

- Solid Disc Design
- Cast Iron Hubs
- Combination Groove for "A" & "B" Belts

Precision made "V" pulleys combine the strength of all steel construction with superior design and workmanship. This assures true-running, wobble-free, belt performance.



Extra Pulley Bushing

for shaft sizes listed above. Specify shaft size desired.

Stk. No. 27A1
Ship. Wt. 1/2 lb.
Ea. 75c

Pulleys are of solid disc design, made of heavy welded pressed steel. Hub of cast iron, riveted so that they will never come apart. Width through hub 1 1/4". Overall width 2". All-steel hub insert bushing is replaceable so that pulley can be used on shafts of varying sizes. Edges of sheave are rolled for added strength and safety. Smooth grooves to assure proper belt seating and greatest drive efficiency. Combination grooves for both "A" & "B" belts. DIAMETERS LISTED BELOW ARE FOR "B" BELT WIDTHS. For "A" belts, the effective diameters are slightly less than those shown.

PULLEYS AVAILABLE FOR THE FOLLOWING SHAFT SIZES

1/2", 3/4", 1", 1 1/4", 1 1/2" and 1 3/4"

BE SURE TO SPECIFY SHAFT SIZE WHEN ORDERING

DIAMETER OF PULLEY	STK. NO.	SHIP. WT. lbs.	PRICE EACH
5"	27A11	2 3/4	\$2.10
5 1/2"	27A12	2 3/4	2.20
6"	27A13	3	2.30
6 1/2"	27A14	3	2.45
7"	27A15	3 1/2	2.65
8"	27A16	3 3/4	2.85
9"	27A17	4 1/2	3.10
10"	27A18	5	3.35
11"	27A19	5 1/2	3.75
12"	27A20	5 3/4	4.25
14"	27A21	6	4.95
16"	27A22	7 1/2	5.95
18"	27A23	9	6.75

MERCURY CLUTCHES

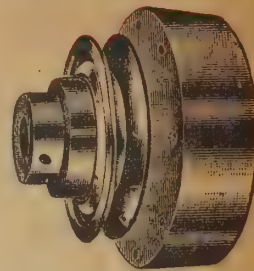
Mercury Clutch Saves Engine Wear

- Eliminates Starting Problems

Ingenious Mercury Clutch is now available for electric or gas driven farm machines. Provides automatic torque control that permits easy starting—but transmits power at 100% efficiency at predetermined engine speed. Compact, inexpensive, yet it will insure trouble-free operation and prolong engine life. Operates by the action of centrifugal force on mercury. Only when load is up to speed will clutch "lock up" to transmit full power.

ADVANTAGES

No-load starting and load-free idling. Prevents stalling with overload. Eliminates all manual clutch controls. Easy, smooth, chatter-free operation.



APPLICATIONS

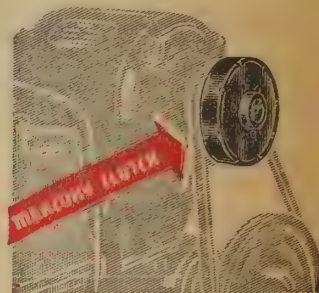
Can be used on any electric or gas driven unit where it is desirable to have no-load starting and full protection from overload.

For ELECTRIC MOTORS

Stk. No.	Shaft Size	Pulley Size	Ship. Wt.	Ea.
25A75	1/2"	2 1/4"	3 lbs.	\$7.50
25A78	1/2"	3"	3 1/2 lbs.	7.75
25A79	5/8"	2 1/4"	4 1/4 lbs.	7.50
25A76	5/8"	3"	5 lbs.	7.75
25A77	3/4"	3"	5 lbs.	8.95

For GASOLINE ENGINES

Stk. No.	Shaft Size	Pulley Size	Ship. Wt.	Ea.
25A81	3/4"	3"	5 lbs.	9.75
25A80	5/8"	3"	5 lbs.	9.75



V-Belts are one of the most versatile and efficient methods of power transmission. Through the use of pulleys and power from PTO shaft of tractor, gas engine or electric motor power units can be made to handle many farm jobs. Belts listed in A, B, and C sections have been carefully selected to cover the majority of farm applications.

CONSTRUCTION: All V-Belts are scientifically designed to give maximum power transmission and long service. Inner cores are made of many twisted strands of rayon cord, imbedded in live rubber. Outer covers of tough, long wearing fabric. Built for both strength and flexibility in high speed operation.

HOW TO ORDER V-BELTS

For maximum power transmission and long wear it is of the greatest importance that belt be exactly the right size for application. For Replacement Measure width of belt at top, and use tape to measure outside circumference. For New Installations Measure around outside edges of pulleys (not in grooves). Average Shipping Weight 1 1/2 lbs.

"A" SECTION "V" BELTS, 1/2" TOP WIDTH

Stk. No.	Outside Circum. (Inches)	Selling Price
B-84	25	\$0.75
B-29	29	.75
B-21	32	.79
B-64	33	.80
B-22	34	.95
B-213	42	1.25

"V" BELTS for Your Farm Equipment Used for Replacement or New Installation

Stk. No.	Outside Circum. (Inches)	Selling Price
B-208	48	1.05
B-244	56	1.39
B-265	62	1.45
B-209	67	1.40
B-219	75	1.80
B-214	92	2.35
B-237	128	3.20
B-215	138	3.35
B-207	142	3.50

"B" SECTION "V" BELTS, 2 1/32" TOP WIDTH

Stk. No.	Outside Circum. (Inches)	Selling Price
B-311	32	\$1.29
B-225	35	1.35
B-229	37	1.35
B-253	39	1.45
B-218	42	1.55
B-216	46	1.80
B-232	48	1.80
B-299	50	1.90
B-226	52	1.95
B-304	54	1.98
B-201	56	1.85
B-228	57	2.10
B-202	62	1.98
B-249	64	2.15
B-250	68	2.25
B-224	71	2.30
B-220	78	2.65
B-251	81	2.60
B-252	83	2.80
B-303	88	2.65
B-212	96	3.15
B-301	98	3.25
B-221	100	3.20

Stk. No.	Outside Circum. (Inches)	Selling Price
B-205	107	\$3.29
B-240	111	3.70
B-222	115	3.70
B-242	118	3.90
B-223	122	3.90
B-210	126	3.90
B-261	129	3.90
B-260	131	4.20
B-217	137	4.30
B-233	145	4.80
B-211	161	5.20
B-204	168	5.30
B-283	176	5.30
B-206	183	5.30
B-253	221	8.70
B-282	241	7.50

"C" SECTION "V" BELTS, 7/8" TOP WIDTH

Stk. No.	Outside Circum. (Inches)	Selling Price
B-334	38	\$2.40
B-254	42	2.70
B-255	54	2.40
B-239	65	3.30
B-241	88	5.30
B-256	93	5.30
B-300	99	5.30
B-257	104	6.30
B-280	108	5.30
B-235	111	6.30
B-231	118	7.70
B-230	121	7.70
B-310	122	7.70
B-259	128	7.70
B-293	131	7.70
B-258	156	7.70

Ball Bearing PILLOW BLOCKS

Dimensions: 3/4", 7/8" and 1" Base types are 2 3/4" high, 5 1/2" long; 1 1/8" and 1 1/4" Base types are 3 1/8" high, 6 1/4" long; 1 3/8" and 1 1/2" Base types are 3 3/8" high, 6 3/4" long.

Flange types are 3 3/4" square base, 2 3/4" between hole centers

BASE MOUNT

Bore	Stk. No.	Each
	RIGID UNIT	
3/4"	18A51	\$2.59
7/8"	18A52	2.59
1"	18A53	2.59
1 1/8"	18A54	3.50
1 1/4"	18A55	3.50
1 3/8"	18A56	3.98
1 1/2"	18A57	3.98

SELF ALIGNING

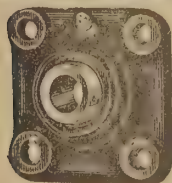
Bore	Stk. No.	Each
3/4"	18A61	\$2.98
7/8"	18A62	3.25
1"	18A63	3.25

FLANGE MOUNT

Bore	Stk. No.	Each
	RIGID UNIT	
3/4"	18A71	\$2.59
7/8"	18A72	2.59
1"	18A73	2.59
1 1/8"	18A74	3.50
1 1/4"	18A75	3.50

SELF ALIGNING

Bore	Stk. No.	Each
3/4"	18A81	\$2.98
7/8"	18A82	3.25
1"	18A83	3.25



Base or Flange Mounted Types

Rigid or Self Aligning—Ball Bearing

Pressure Lubricated—Tight Grease Seal

Smooth running ball bearing pillow blocks that reduce friction drag and anchor shafting securely. Ideal for conveyors, motor shafting, and many other farm machine uses.

Bearings are pressure lubricated, and have effective dust and dirt seals that keep grease in and abrasives out. Recommended for normal light loads and moderate shaft speeds.

Plain type will operate satisfactorily with up to 2 degrees shaft misalignment. Self-aligning type recommended for greater deviations, wobbly shafts and off center uses.

Trasco ELECTRIC WELDER

UP TO 250 AMPS. OUTPUT For Stationary or Portable Use COMPLETE WELDING UNIT

SPECIFICATIONS: Component parts of the welder were built to exacting government specifications by General Electric, Delco-Remy, Westinghouse and other prominent manufacturers. Outstanding features include oversized lifetime grease-sealed ball bearings, air cooled commutator dial type rheostat and high-low switch, reactor coil for even arc, and "Magic Terminal" for low amp. welding. Has two outboard ball bearings on shaft for extra strength.

FOR PORTABLE or STATIONARY OPERATION

Can be easily mounted on tractor for belt drive or PTO operation. (Mounting brackets not included). When used in shop, power can be supplied by either 7 1/2 HP electric motor or 10 to 15 HP Gasoline engine. Choice of 4" diam. 2-groove pulley for "B" belts as pictured, or 5" diam. x 3" face flat pulley. STATE PULLEY DESIRED. Order "B" Belts in desired size from Page 5.

WELDER COMPLETE with professional type helmet, electrode holder, two #2 8 ft. rubber-covered cables with connecting lugs attached, ground clamp and 10 lbs. of assorted welding rod. Operating instructions included.

Welder Size: 26" long, 11" high, 7" wide. Factory Shipped, near Chicago, Ill.

Stk.No.48A40—Ship. Wt. 125 lbs.

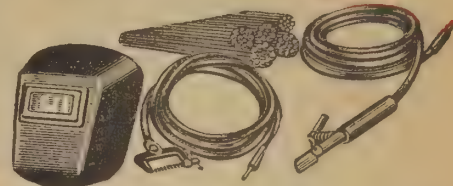
Welder Complete \$139.50

1 YEAR GUARANTEE

Each Trasco Welder is Guaranteed against mechanical failure of any kind, not caused by negligence or accident. Should welder fail within that time it will be repaired or replaced (our option) at no extra charge.



Only
\$139.50



WELDER COMPLETE with welder, helmet, electrode holder, ground clamp, two rubber covered cables 8 ft. long, and 10 lbs. of welding rod in assorted sizes.

VALVE LIFTER

Heavy Duty
"C" Type

Operates with either overhead or "L" head valves. Throat opening 10" x 10 1/4". Adjustable jaws and plunger. Rigid bar steel construction. Two sets of jaws furnished—offset and straight.

Stk.No.3E1—Ship. Wt. 8 lbs.
Ea. \$7.95



THE
NEW

SEMI-AUTOMATIC HACKSAW

Frame does not pass over or through the work, permitting longer cut and operation in places inaccessible to conventional hacksaws. Faster operating because spring thrust plate principle permits 60 to 70 strokes a minute. A precision tool that will do the work of a hacksaw, metal shears, key-hole saw, etc. With 10" blade.

Stk.No.19A50—Wt. 2 lbs. Ea. \$1.95

HACKSAW BLADES

CARBON STEEL blades filed and set.

10" Size. Stk. No. 19A54 Ea. 10c

Set of 3 27c 10 for 85c

12" Size. Stk. No. 19A55 Ea. 12c

Set of 3 33c 10 for \$1.05

TECHNITE STEEL blades, high speed type that will cut anything that can be cut with a hacksaw. Will not strip.

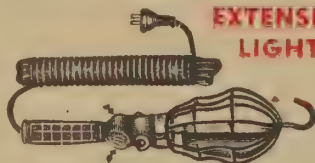
10" Size. Stk. No. 19A56 Ea. 37c

Set of 3 \$1.00 10 for \$3.25

12" Size. Stk. No. 19A57 Ea. 45c

Set of 3 \$1.25 10 for \$3.95

EXTENSION LIGHTS



Heavy duty rubber covered cord, unbreakable handle with 2 convenient outlets for plugging into. With guard, reflector, and hanging hook. Choice of 25' or 50' lengths. Switch in handle.

25 FOOT—

Stk. No. 19A91. 3 lbs. \$2.25

50 FOOT—

Stk. No. 19A92. 4 lbs. \$3.10

PISTON RING COMPRESSOR

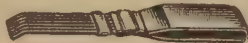


Heavy duty compressor with 2 1/2" spring steel band. Handles a wide range of piston sizes, 2 1/8" to 5" diam. Positive locking mechanism holds rings firmly.

Stk.No.19A8.

Ship. Wt. 5/8 lb. Ea. \$1.19

CARBON SCRAPER



Makes it easy to remove carbon from pistons, valves, etc., quickly and safely. Has 10 spring steel blades. Flexibility is controlled by sliding steel band. 9" long.

Stk.No.19A33—Ship. Wt. 3/8 lb. Ea. 55c

STUD REMOVER

Remove or replace stubborn stud bolts easily. Capacity from 1/4" to 3/4" bolts. 1/2" square drive. The tighter the stud the more firmly it is gripped by eccentric roller.

Stk.No.19A44.
Ship. Wt. 1 1/4 lbs. Ea. \$2.49



PIPE WRENCHES

Made of malleable steel with hardened jaws. Milled teeth for positive grip.

Length	Opening	Stk. No.	Wt. lbs.	Each
14"	1 1/2"	3E87	3 1/2	\$2.15
18"	2"	3E88	4 1/2	3.10
24"	2 1/2"	3E89	9	5.35



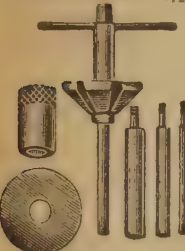
VALVE REFACER



For use on all 30° or 45° valve faces, except chrome high heat type. Cutting blade is made of the finest high speed tool steel. Valve is held rigidly at desired angle. Iron cast base is designed to be held in vise or screwed down to work bench.

Stk. No. 3E7—Wt. 1 1/2 lbs. Ea. \$1.69

VALVE RESEATING TOOL



Abrasive type valve reseating tool for 30° and 45° seats up to 2 1/8" diameter. Set includes one 2 1/8" 45° abrasive cutter with coarse abrasive mounted; one 2 1/8" 30° abrasive cutter with coarse abrasive mounted, two extra fine abrasives (one for each cutter), one V-8 Ford bushing and 7 pilots—Sizes 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", and 1/2". Set is complete to service all tractors, trucks and cars with valve seats up to 2 1/8".

Stk. No. 3E8—Wt. 2 1/2 lbs. Set \$3.25

EXTRA CUTTING ABRASIVE for above reseating tool. 6 coarse and 6 fine abrasives in pkg.

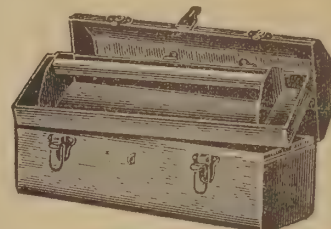
Stk. No. 3E9—Wt. 3 oz. Pkg. 55c

VALVE GRINDER



Reciprocating and progressing. Complete with bit, vacuum cup, and spring. For all types of valve heads. Movement constantly changes, assuring fast and even grind of new and old valves.

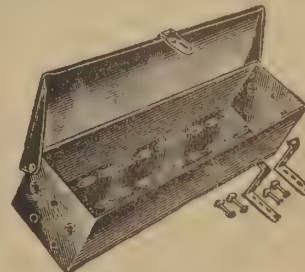
Stk. No. 19A9.
Wt. 2 lbs. Ea. \$1.98



HIP ROOF TOOL BOX

Mechanics' all steel hip roof box with seams electrically welded. Continuous piano hinges hold top at desired angle. Handy lift-out tray for smaller tools. With nicked side bolts and hasp. Carrying handle. 19"x7"x9" size with baked enamel finish.

Stk.No.25A11.
Ship. Wt. 10 lbs. Ea. \$5.50



Handy TOOL BOX

Here is the tool box you have been waiting for ... specially designed so it can be mounted most anywhere on your tractor, combine or picker. Made of 18 gauge steel with 32 knock-out slugs on bottom and 5 on each end. Supplied with patent "Kwick-Fit" brackets that can be easily sawed to solve any mounting problem. Box is 20"x6 1/2"x4 3/4" with special hinge using shouldered rivets. Box is complete with mounting brackets and bolts. Enameled red.

Stk.No.25A36—Ship. wt. 13 lbs. Ea. \$5.89

Mounts
On
Tractors
Combines
Pickers

Why Pay More? Buy From **TRACTOR SUPPLY** for Less!

Portable Air Compressors



Built with farm jobs in mind. Ideal for Spraying, Tire-Pumping and Air Cleaning implements. Easy to take to the job.

TANKS of heavy gauge steel, 300 lbs. test. Safety pop-off valve lets air escape before maximum pressure is reached.

COMPRESSORS are 1-pc. close grain iron with large air cooling fins. Drop forged crankshaft with smooth running long-life bearings, malleable iron connecting rods. Pistons with long wearing rings. Force feed oiling. Bronze valves are rustproof.

MOTOR in choice of 1/3, 1/2 or 1 H.P. NEMA, types. 110/220 volt 60 cycle A.C. All wiring is enclosed BX type. Has 10 ft. rubber covered cord with plug. (Gasoline Engine also listed).

TIRES are 8"x2" semi-pneumatic type on ball bearing disc wheels. Unit is low slung and well-balanced. 25 ft. hose with brass fittings included.

2.8 C.F.M. COMPRESSORS

8 gallon (2200 cubic in.) tank. One cylinder compressors. 8"x2" tires.

WITH 1/3 H.P. ELECTRIC MOTOR

Pressure switch cuts in at 65 lbs., cuts out at 85 lbs. Safety valve pre-set at 125 lbs.

Stk. No. 35A40. \$114.50

WITH 1/2 H.P. ELECTRIC MOTOR

Pressure switch cuts in at 120 lbs., cuts out at 140 lbs. Safety valve pre-set at 175 lbs. Higher pressure gives much greater output than 1/3 H.P.

Stk. No. 35A41. \$129.50

WITH 1 H.P. KOHLER GAS ENGINE

Pressure range adjustable 0 to 150 lbs. Reliable Kohler engine is 4 cycle type.

Stk. No. 35A42. \$129.50

Ship. Wt. 125 lbs. FACTORY SHIPPED from N. Illinois

8 1/2 C.F.M. COMPRESSORS

With 1 H.P. Electric Motor

Similar in construction and equipment as compressors at left. Has 2-cylinder compressor, 18 gal. tank, 8"x2 1/2" tires and 1 HP electric motor. Automatic switch cuts in at 120 lbs., cuts out at 140 lbs. Safety valve pre-set at 175 lbs.

Stk. No. 35A45. \$269.50

Ship. Wt. 200 lbs. FACTORY SHIPPED from N. Illinois

AIR HOSE

Heavy duty hose with "Versicon" oil-resisting cover, braid-reinforced. 1/4" inside diam. 25 ft. long. With air chuck, 1/4" male adaptor. Wt. 3 1/4 lbs.

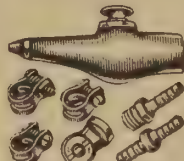
Stk. No. 19A60 \$4.25

AIR CHUCK—Pressure tested.

Fits any air hose. 1/4" female thread.

Stk. No. 19A61—Ship. wt.

4 oz. Ea. 35c



AIR HOSE REPAIR KIT for repairing standard 1/4" I.D. air hose. 6 parts in kit. 19A63. Kit 65c

AIR BLOW GUN

Ideal for cleaning parts and fluid lines. ☆ high velocity nozzle directs blast. Button control. 1/4" external thread for standard air line.

Stk. No. 19A62. \$1.10

Wt. 3/4 lb. Ea. Kit 65c



TIRE GAUGES

Low pressure, pencil type air gauge. Accurately registers each lb. from 3 to 50. With pocket clip. Stk. No. 19A1. Ea. 95c

Ship. Wt. 1/2 lb. Ea. 95c

GAUGE FOR TESTING TIRES FILLED WITH WATER SOLUTION. Stk. No. 19A2—Ship. Wt. 1/2 lb. Ea. \$1.29

CHAIN HOISTS

HEAVY DUTY—DIFFERENTIAL TYPE

Nationally Famous Chain Hoists make easy work of heavy lifting jobs with complete safety for the operator. Load positively cannot slip, locks at any point.

Hoists are durably constructed, practically unbreakable, and will last a lifetime. Reinforced at strain points, complete with extra heavy test chain, drop forged and heat treated hooks, heavy malleable blocks.

1000 POUND (1/2 TON) SIZE

Handles 1000 pound lifts. Lift range 7 feet. Stk. No. 25A51. Ship. wt. 31 lbs. \$23.95

2000 POUND (1 TON) SIZE

Handles a full ton. Lift range 8 feet. Stk. No. 25A52. Ship. wt. 52 lbs. \$34.50

CLASSIFIED ASSORTMENTS



Each size in its own compartment, here are the items you need badly when you need them. Packed in waxed paper, screw top cartons, easily stored, always available. Sizes and items printed on paper cover for easy reference.

79c
500
Cotter
Keys

COTTER KEYS. About 500 pieces in 1/8", 3/16" and 1/4" diameters, lengths from 1/2" to 1 1/2". Stk. No. 19A24. 79c

FLAT STEEL WASHERS. About 200 steel washers, ranging from 3/8" to 1/2" hole sizes. Stk. No. 19A26. 98c

LOCK WASHERS. About 200 steel lock washers, ranging from 1/4" to 3/4" hole sizes. Stk. No. 19A22. 98c

STOVE BOLTS. About 100 stove bolts with square nuts. 1/8" and 1/4" diameters, up to 1 1/4" long. Stk. No. 19A21. 98c

CAP SCREWS. About 27 cap screws, diameters 1/4" to 1/2" in lengths from 1" to 2". SAE thread. Stk. No. 19A23. 98c

S.A.E. HEX NUTS. About 100 steel nuts, SAE thread, diameter 1/4", 3/8", 1/2", 5/8", and 3/4". Stk. No. 19A25. 98c

U.S.S. HEX NUTS. About 100 steel Hex nuts with U. S. Standard thread, diameters 1/4" to 1/2". Stk. No. 19A19. 98c

EXTRA LARGE COTTER PINS

Special assortment for farm use with cotter pins in the LARGER sizes. Assortments include 1/8"x1 1/2", 1/8"x2" 3/16"x2", 3/16"x3", 1/4"x2 1/2", and 1/4"x3".

25 PINS in assorted sizes. In bag. Stk. No. 18A20—Wt. 3/8 lb. Asst. 25c

85 PINS in assorted sizes. Packed in reusable celluloid container (as illustrated). Stk. No. 18A21—Wt. 2 lbs. Asst. \$1.25

MACHINE KEYS

26-Pc. ASSORTMENT of straight machine keys in sizes from 1/8"x1/8"x1 1/2" to 3/8"x3/8"x3 1/2". Stk. No. 2E88—Ship. Wt. 2 lbs. Asst. \$1.75

HALF MOON KEYS

100-Pc. ASSORTMENT of Half Moon Keys in needed sizes, from 1/2"x1/16" up to 1 1/8"x5/16". Stk. No. 2E99—Ship. Wt. 1 1/2 lbs. Asst. \$1.98

HYDRAULIC JACKS

POWERFUL . . . DEPENDABLE . . . INDISPENSABLE ON THE FARM

Here is a powerful hydraulic jack for every tractor, truck or service need. All jacks tested at 1 1/2 times rated capacity. Large serrated load base prevents slipping when in operation. Large diameter screw extension for greater height. Safety oil vent prevents jack from being forced beyond extremity of lift. Instant flow safety release screw gives safe and easy control. Jack need not be dismantled to clean. Valves are easily accessible—steel piston cylinder can be removed. Handle included.

Stk. No. 25A60—1 1/2 TON—Lifting range 7" to 12 1/4". 2" extension screw gives total height of 14 1/4". Wt. 7 lbs. \$8.95

Stk. No. 25A61—3 TON—Lifting range 8 1/2" to 14 1/2". 3" extension screw gives total height of 17 1/2". Wt. 13 lbs. \$13.95

Stk. No. 25A62—5 TON—Lifting range 8 1/2" to 14 1/2". 3" extension screw gives total height of 17 1/2". Wt. 15 lbs. \$15.75

Stk. No. 25A63—8 TON—Lifting range 9" to 15 1/4". 4 1/4" extension screw gives total height of 19 1/2". Wt. 22 lbs. \$18.75

Stk. No. 25A64—12 TON—Lift range 9" to 15". 3" extension screw gives total height of 18". Wt. 27 lbs. (Not stocked in all stores) \$22.95

HYDRAULIC FLUID

Especially compounded for use with all hydraulic jacks. 1 pint can. Stk. No. L-46—Wt. 1 lb. Ea. 55c

Heavy Duty

WILTON VISE

Extra sturdy bench vise for the farm shop. Famous deluxe Wilton quality. Streamlined design with semi-steel body. 5" hardened steel jaws are replaceable. Removable pipe jaws take up to 2 1/2" pipe. Hardened steel cut off tool. Base rotates 200° and has positive lock. Jaws open to 5 1/2". Stk. No. 25A42. Ship. Wt. 48 lbs. Ea. \$21.75

Dependable

BENCH VISES

Semi-steel body with cold rolled beam. Deep cut screw for positive advance. Has removable jaws with knurled faces of hardened steel. Full 360° swivel locks on quadrant. With built-in pipe jaws.

4" JAWS—Open to 5 1/4". (With cut-off tool.) Stk. No. 25A41. Ship. Wt. 28 lbs. Ea. \$10.95

3 1/2" JAWS—Open to 4 1/4" (Without cut-off tool). Stk. No. 25A40. Ship. Wt. 17 1/2 lbs. Ea. \$5.95

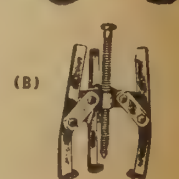
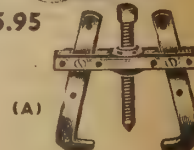
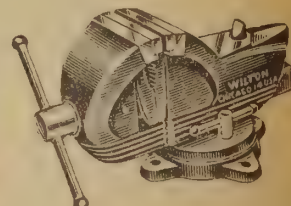
GEAR PULLERS

(A) 2 JAW PULLER

18 width and length adjustments. Jaws reversible for internal or external pull. Takes big gears, bearings, etc. Jaws open 8" width, reach 6". Stk. No. 3E15—Wt. 8 lbs. Ea. \$4.95

(B) 3 JAW PULLER

3 jaw construction cradles the gear being pulled, and prevents it from slipping. Pulls gears up to 10" diameter. Stk. No. 3E16—Wt. 12 lbs. Ea. \$9.95





New! Self-Ratcheting COMBINATION WRENCHES

Self-ratcheting feature on open end makes it possible to work 3 to 5 times faster than with conventional type. No need to remove and reset after each turn. Ideal for working in tight places where nut is hidden from view. Conventional box type wrench on other end. Made of the finest chrome-alloy steel, chrome plated.

Size	Stk. No.	Ship. Wt.	Each
3/4"	IE30	4 oz.	\$1.10
1"	IE31	4 oz.	1.10
1 1/4"	IE32	5 oz.	1.15
1 1/2"	IE33	5 oz.	1.20
1 3/4"	IE34	6 oz.	1.35
2"	IE35	7 oz.	1.65
2 1/4"	IE36	8 oz.	1.85

Complete 7-Pc. Set

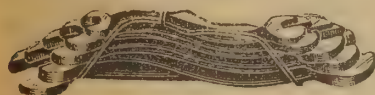
Complete set of self-ratcheting combination wrenches listed above. In handy plastic roll with pocket for each wrench. Buy a Complete Set and Save!
Stk. No. IE38—Ship. Wt. 2 lbs. Set **\$8.69**



ADJUSTABLE WRENCHES

Made of special tool steel with jaws especially forged and hardened. Easy action adjustment screw.

Length	Opening	Stk. No.	Lbs.	Each
6"	3/4"	3E81	1/2	\$0.98
8"	1"	3E82	3/4	1.35
10"	1 1/8"	3E83	1	1.65
12"	1 1/4"	3E84	2	2.55
14"	1 3/8"	3E79	3 1/2	3.85
20"	2 1/2"	3E80	6	5.50



5-PC. "S" WRENCH SET

22 1/2° angle "S" type drop forged, tempered steel wrenches. Designed for general use in tight place where straight wrenches will not fit. 10 openings, 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 3/4", 1 7/8", 2", 2 1/8", 2 1/4", 2 3/8", 2 1/2", 2 3/4", 3". Set with special spring clip container.
Stk. No. 3E77—Wt. 3 lbs. Set **\$2.15**

7-PC. ALLEN WRENCH SET

Don't chew up holes in Allen set screws! 7 carbon steel wrenches in set. Use the correct size wrench. Sizes from 3/8" to 1/4" hex diam. Set in plastic case.
Stk. No. 3E52—Wt. 1/2 lb. Set **49c**



11-PC. ALLEN WRENCH SET

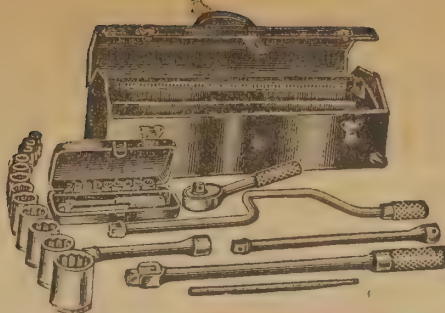
Larger set with complete size range for the farm mechanic. Wrench sizes from 1/16" to 3/8". Made of case hardened steel, cut to length—not sheared—to prevent distortion of hex. Each set in handy plastic carrying case.
Stk. No. 3E53—Wt. 1/2 lb. Set **95c**



COMBINATION PLIERS

Have a complete size range of combination pliers in your tool box! The right size makes the job easier. Each with knurled handles, sharp milled teeth and positive grip. Slip joint adjustment end wire cutters.

5 INCH ECONOMY SIZE with natural finish.	25c
1" capacity. Stk. No. 3E21—Wt. 8 oz. Ea.	
6 INCH SIZE with Nickel finish. 1" capacity.	35c
Stk. No. 3E22—Wt. 8 oz. Ea.	
8 INCH SIZE with Nickel finish. 1 3/4" capacity.	59c
Stk. No. 3E24—Wt. 1 lb. Ea.	
10 INCH SIZE with Nickel finish. 2" capacity.	89c
Stk. No. 3E23—Wt. 1 lb. 8 oz. Ea.	
1 INCH THIN NOSE—1" capacity, nickel finish.	
Stk. No. 3E17—Wt. 8 oz. Ea.	39c



30-PC. 1/2" DRIVE SOCKET SET

Complete set including both 1/4" and 1/2" drives with sockets in all sizes needed for farm repair. In 1/4" drive—6 sockets with 6 point openings in sizes 1/4" to 3/8", 3 sockets with 8 point openings in sizes 1/4" to 3/8", 5 1/2" flex handle, 3" pin handle. In separate metal box.

In 1/2" drive—12 sockets with 12 point openings in sizes 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 1/2", 1 3/4", 1 7/8", 2", 2 1/4", 2 3/8", 2 1/2", 2 3/4", 3". With reversible ratchet, two 5 1/2" and 11" extensions, 16" flex handle, 8" pin handle, 18" speeder and male and female universal joint. All parts are top quality alloy steel drop forgings. Heavy duty steel box with hasp, handle.
Stk. No. IE4—Wt. 15 lbs. Set **\$24.95**

16-PC. 1/2" DRIVE SOCKET SET

Full range of socket sizes up to 1" in this compact set. Most used sizes only.

In 1/2" drive—10 sockets with 12 point openings in sizes 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 1/2", 1 3/4", 1 7/8", and 1 inch. With reversible ratchet, 5 1/2" extension, hinge handle, cross bar, 18" speeder, and universal joint (male-female). Set in flat steel box.
Stk. No. IE3—Wt. 7 lbs. Set **\$17.45**

12-PC. 1/2" DRIVE SOCKET SET

Handy set to have that will handle most jobs where sockets are required. Set includes 10 sockets with 12 point openings in sizes 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", and 1 inch. With flex handle and cross bar, in sturdy steel box.
Stk. No. IE2—Wt. 5 1/2 lbs. Set **\$8.65**

STEEL CAP



SCREW DRIVERS

Steel shank runs through hardwood handle with cap on top for pounding. Extra heavy type.

1/4"x8 3/4" size	Stk. No. 3E41	Ea. 29c
1/2"x11 1/2" size	Stk. No. 3E42	Ea. 37c
3/8"x14" size	Stk. No. 3E43	Ea. 45c
1/2"x16" size	Stk. No. 3E44	Ea. 55c

SET OF 4, one each of above.
Stk. No. 3E45—Wt. 3 lbs. Set **\$1.50**

STUBBY SCREWDRIVER

1/4"x1 1/2" steel blade, solid wood handle.
Stk. No. 2E48—Wt. 4 oz. Ea. **15c**



12-PC. TAP & DIE SET

Hardened high carbon tool steel taps and dies. Round dies, 1" O.D. With 8" die stock, 7" tap wrench. Contains 5 National Coarse (USS thread) taps and 5 dies in sizes 1/4"-20, 1/2"-18, 3/8"-16, 1/2"-14, 1/2"-13. In fitted wooden box.
Stk. No. 3E29—Ship. Wt. 3 lbs. Set **\$5.45**

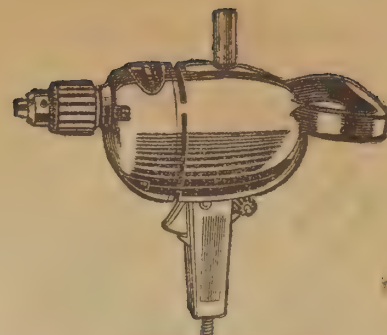
22-PC. TAP & DIE SET

Includes complete 12-pc. set above (Stk. No. 3E29) and 10-pc. set of 5 National Fine (SAE Thread) taps and dies size 1/4"-28 to 1/2"-20 in separate box.
Stk. No. 3E40.
Ship. Wt. 4 1/2 lbs. Set **\$8.69**



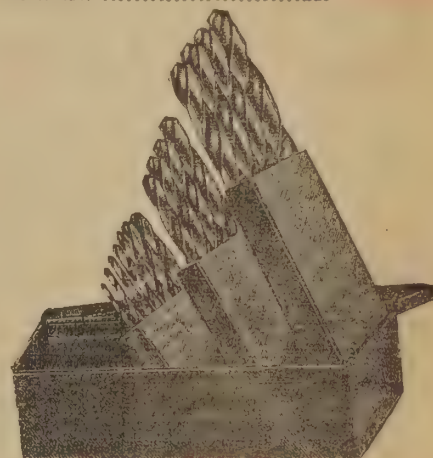
PUNCH & CHISEL SET

5-pc. set consisting of 1/2" and 5/8" carbon steel chisels, 1/8" and 3/8" solid punches, and 1/8" center punch. Forged from 1/2" alloy steel, sharpened and hardened. High polish finish. In heavy metal clip case.
Stk. No. 3E76—Wt. 2 lbs. Set **1.09**



1/2" ELECTRIC DRILL

Newest design electric drill that is lightweight, compact and balanced for easy handling. Compares in performance with drills selling for 1/2 more. Universal motor for AC-DC 115, 220 volts. 550 rpm speed without load. Roller bearings and self-oiling bronze bearings throughout. Trigger switch with lock for continuous operation. Length 12 1/2" overall. Each with 10 ft. cord and 338 Jacobs Chuck. Helical cut steel gears. Capac. 1/2" metal, 1" wood.
Stk. No. 3E60.
Wt. 12 lbs. Ea. **\$42.95**



HIGH SPEED MECHANICS DRILLS

Straight shank twist drills, made of the finest quality Tungsten Molybdenum steel to withstand the hard usage of all farm drilling jobs. Offered in all sizes needed by the farm mechanic. Precision-ground. Av. wt. 2 oz.

Stk. No.	Size in Inches	Each	Stk. No.	Size in Inches	Each
4E1	1/16	25c	4E12	15/64	60c
4E2	5/64	26c	4E13	1/4	65c
4E3	3/32	29c	4E14	17/64	73c
4E4	7/64	30c	4E15	9/32	80c
4E5	1/8	35c	4E17	5/16	95c
4E6	9/64	38c	4E19	11/32	\$1.10
4E7	5/32	41c	4E21	3/8	1.29
4E8	11/64	45c	4E23	13/32	1.55
4E9	3/16	47c	4E25	7/16	1.75
4E10	13/64	50c	4E27	15/32	1.95
4E11	7/32	55c	4E29	1/2	2.25

4E31	9/16 x 6...	(For 1/2" Chucks)	\$3.85
4E32	5/8 x 6...	(For 1/2" Chucks)	4.30
4E33	11/16 x 6...	(For 1/2" Chucks)	4.70
4E34	3/4 x 6...	(For 1/2" Chucks)	5.10

ABOVE DRILLS IN SETS

5-PC. SET—Contains above drills in sizes 1/16", 1/8", 3/16", 1/4", 5/16". Set priced lower than individual drills.

Stk. No. 4E36. Set **\$3.45**

13-PC. SET—Contains above drills in sizes 1/16" to 1/4" by 64ths. In metal case with size index.
Stk. No. 4E37. Set **\$5.95**

15-PC. SET—Contains above drills in sizes 1/16" to 1/2" by 32nds. In metal case with size index.
Stk. No. 4E39. (as illustrated) **\$16.95**

22-PC. SET—Contains all sizes listed above, except the four Large Size Drills for 1/2" chuck. In metal case with size index.

Stk. No. 4E40. Set **\$19.45**



Deluxe LOCK-GRIP WRENCH

Deluxe adjustable wrench does the work of seven tools. Drop-forged steel jaws of narrow design that permits use in hard-to-reach places. Hardened, milled teeth, curved for positive grip on flat or round surfaces. Drop-forged handle—adjustable pressure. With built in wire cutter. Size, 10 1/2" long. Jaws open to 1 1/2". Has Iridite rust-proof finish.

Stk. No. 3E99—Ship. Wt. 2 1/4 lbs. Ea. **\$2.69**

Precision

CORN PICKER PARTS

For IHC, Wood Bros., Deere, Oliver, M-H, A-C, New Idea, M-M, G. I., Case

SHIELDED ENDS
FOR EXTRA
BEARING PROTECTION



P-518
for Woods



P-501
for IHC



P-505
for Deere



SCALLOPED CONTOUR
RUBBER CORD EDGES
FOR GREATEST
GRIPPING POWER

low as
\$9.30
EACH

IMPROVED BONDED CORD and RUBBER HUSKING ROLLS For FASTER, CLEANER, ALL-WEATHER PICKING

Designed for ALL-WEATHER Better Husking
Eliminates Need for Special Roller Compounds
Cord and Rubber—Proven Best Gripping Surface
Cleans as Hand Husking—Minimum of Shelling
Easy to Install—Exact Fit—No Need to Time
Superior Husking of Tough Hybrid Corn
Time and Labor Saving—Pick Cleaner, Faster

SAVE Up To 50%

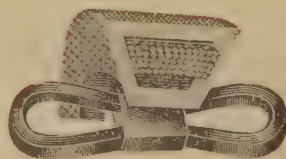
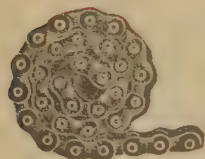
On PICKER PARTS For:

IHC, Woods Bros., J. I. Case, New Idea,
Minn.-Moline, John Deere, Oliver, M-H,
A-C, G. I., Co-Op.

**WATCH for Our FALL
PICKER PARTS CATALOG!**

Early in September we will distribute our annual Fall Special
Corn Picker Catalog to our customers throughout the Corn Belt.
If you have not received your copy by September 15th, write
to your nearest Tractor Supply Store for your FREE copy.

Fits make, model, type Picker	Number of Rolls	Sfk. No.	Wt. Lbs.	Price EACH
IHC 1M 1-row Mounted	2	P-501	16	\$12.10
IHC 1P 1-row Pull	3	P-501	16	12.10
IHC 2M, 2ME 2-row Mounted	4	P-501	16	12.10
IHC 2P, 200 2-row Pull	5	P-501	16	12.10
IHC 20, 22, 22B 2-row Mounted	4	P-503	12	12.35
IHC 14P (1-row) and 24 (2-row) to 1950. Replace complete top half of snapper-husking roll. Use 1 on 1-row and 2 on 2-row	1-2	P-533	12	14.90
IHC 14-P, 24, late 1950 and up, like above	1-2	P-534	12	15.30
IHC 14P, 24, rubber inserts like originals. Use 3 inserts per husking roll		P-500	2	1.75
ALLIS CHALMERS 1-row	1	P-526	12	13.90
ALLIS CHALMERS 2-row	2	P-526	12	13.90
WOOD BROS. All 1941-51 1-row Pull	3	P-518	8	9.30
DEERE 1, 2, 21, 25, 25A	4	P-504	16	12.60
DEERE 10	3	P-504	16	12.60
DEERE 15	2	P-504	16	12.60
DEERE, 226, 200	2	P-505	17	11.60
DEERE 101 (to 1946)	1	P-505	17	11.60
DEERE 101 (1946 and up, Nos 18871 up)	1	P-505X	17	12.00
CASE 1R, 1S 2-row Pull	4	P-515	20	14.35
OLIVER Cornmaster, 2-row (to #7057)	4	P-511	13	13.60
OLIVER Cornmaster, 2-row (#7057 and up)	4	P-511X	14	13.60
OLIVER #5 1-row Pull	4	P-512	12	13.00
MINN. MOLINE 2-row Husker	6	P-513	15	9.95
MINN. MOLINE 1-row Husker	4	P-514	12	9.35
MASSEY HARRIS 2-row Self Propelled	3	P-519	22	14.60
	2	P-520	22	14.60
NEW IDEA, model 4 2-row (lot 54)	3	P-508	17	14.35
E-14, E-14X nos. on old roll casting)	1	P-508X	17	14.35
NEW IDEA, model 6 2-row (lots 55-69)	3	P-508	17	14.35
E-216, E-217 nos. on old roll casting)	1	P-508X	17	14.35
NEW IDEA, model 6 2-row lots 70-124)	3	P-509	20	14.10
E-270, E-271 nos. on old roll casting)	1	P-509X	20	14.10
NEW IDEA, model 7 1-row (lots 77 to date)	2	P-510	20	14.85
E-326, E-325 nos. on old roll casting)	1	P-510X	20	14.85
NATL. FARM, CORN BELT, CO-OP, BLACKHAWK	1	P-517	18	12.60
BELLE CITY, model E 1-roll Pull	2	P-521	18	12.60
G.I., FARM-RITE, DAVID BRADLEY, Genl. Implement	1-2	P-525	8	11.30



ROLLER & LINK CHAIN—V-BELTS

We carry complete stocks of chain and V-belts for most farm machine applications—including Corn Pickers.

CHAIN

On Pages 6, 7

V-BELTS

On Page 5

BEARINGS

Tapered cone and cup roller bearings, thrust bearings, and bearings for common application on popular pickers are now available. Look to Tractor Supply for greater values in all Corn Picker Parts!



GATHERER CHAINS

Steel and Cast Gathering Chains for all applications on Corn Pickers listed. Better quality at lower prices is yours when you buy from Tractor Supply.

SPROCKETS

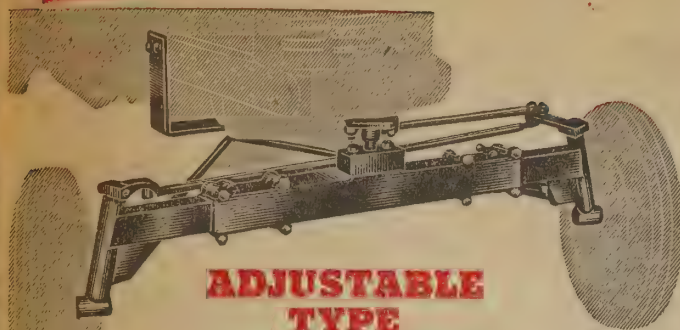
Precision Sprockets are fully machined to fit exactly and give long service. Check the quality and check the price and you will find your best buy is at Tractor Supply.

GEARS

Snapping roll gears, husking roll gears, bevel gears, and other gears for picker applications are available at Tractor Supply.

Trasco

CONVERTER AXLE For Row Crop Tractors



**ADJUSTABLE
TYPE**

Only **\$146⁵⁰**

- Permits Greater Tractor Versatility in Processing ALL CROPS
- Assures Extra Safety in Muddy Fields and During Highway Travel
- Offers 4-Point Suspension that Gives Desired Stability When Operating Belt Drive
- Minimizes Tire Wear and Saves on Gasoline

ADJUSTABLE AXLES can be set to any size from 55" to 76". You can move one side without moving the other, giving variable treadwidths. Made of 3" channel that telescopes into 4" channel. Independent ball and socket suspension of each wheel. Painted to match tractor. **WILL NOT OPERATE WITH FRONT MOUNTED IMPLEMENTS.**

BE SURE TO SPECIFY MAKE, MODEL, YEAR & SERIAL NO. OF TRACTOR.
IHC H, M, REG. F-20, F-30; CASE DC, CC, VAC; DEERE A, B, G, GM;
ALLIS CHALMERS WC, WD; OLIVER 66, 70, 77, 88; AVERY—ALL.

55" TO 76" ADJUSTABLE AXLE for Tractors
Stk. No. 52A40—State Make, Model, Year and Ser. No. **\$146.50**

55" or 66" STANDARD AXLES are available on Special Order Only for all tractors listed above plus the IHC SP-123 and SP-125 Combines. Order from your Nearest Tractor Supply Farm Store.

Stk.No.52A16—State Make, Model, Year and Ser. No. **\$119.50**
SHIPPED F.O.B. Factory, Ft. Wayne, Indiana.

HYDRAULIC SEAT

HYDRAULIC 'JOY RIDER' WITH GYRO LEVELLING DEVICE

Don't dread the long hours you must spend jockeying your tractor over rough fields. With the "Joy Rider" your ride is as smooth as on a super highway. The hydraulic recoil cylinder and gyro levelling device take out all the side slip slap and pitch. Regardless of ground contours you always stay level. Saves your strength—enables you to work longer days. Fully adjustable to any riders weight from 85 to 250 lbs. Same easy, level floating ride to man or boy.

Choose from 3 seat styles listed below. All Case Models except VA, VAC are furnished in steel unless otherwise requested as cushion seat raises operator 3 1/2" above normal.

When ordering be sure to give tractor make, year and model and our stock number of the type you desire.

Joy-Rider Seats Available for the Following Tractors

State Make, Model and Year

Farmall A, B, AV, BN, H, M, MD
IHC Reg. F-20, F-30, W-30, 10-20
IHC W-4, W-6, W-9, I-4, I-6, I-9
Allis Chalmers B, C, WC, WF, WD
John Deere A, B, D, G & R
J. I. Case VA, VAC, DC, S, SC, L, LA
Cockshutt 30, 40, Co-Op E-3, E-4
Farmcrest 30
Ford 8N, Ferguson TO-20, TO-30
Oliver 60, 70 after 1935, 66, 77, 88, 90, 99
Massey-Harris 101 Jr. & Sr. 22, 30, 44
Minn.-Moline Z, U, R, RTS, RTU, GTA, GTB

COMBINES

IHC 125
John Deere 55
Massey-Harris 21A, 26, 27

FRAME Complete but Less Seat. Use with Your Present Seat.

No. 24A20. Each. **\$23⁹⁵**

FRAME Complete with large STEEL BUCKET SEAT.

No. 24A40. Each. **\$27⁹⁵**

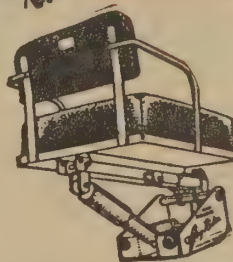
FRAME Complete with Deluxe CUSHION SEAT with BACK REST as Pictured.

No. 24A60. Each. **\$39⁹⁵**

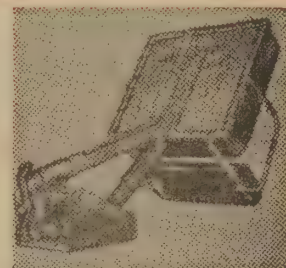


Say Goodbye to "Tractor Back"

If you feel tired and worn out at the end of a day's tractor driving—if you notice a back strain or tiring in your legs—look out for "Tractor Back." You can forget this tractor riding hazard with a new "Deluxe Joy-Rider Hydraulic Tractor Seat."



Deluxe Joy-Rider Seat with upholstered seat and mounting bracket.



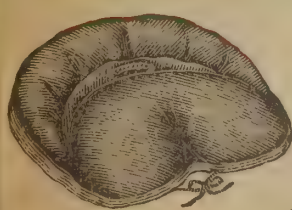
Easy Tilt-Back Allows You to Stand and Stretch. An exclusive Joy-Rider advantage.

FOR A NON-SLANT, NON-JOLT JOY RIDE



RIDER STAYS LEVEL—

This remarkable tractor seat always keeps the driver on an even keel, in a relaxed position even over the roughest fields.



\$3⁹⁵

**Waterproof Plastic
Foam Rubber
SEAT CUSHION**

Deluxe Foam Rubber Seat, extra big, extra thick. Designed to provide full ride for cushion and back rest. Filled with shredded rubber that can't mat or compress. With heavy plastic cover. Waterproof. Attaches with cord ties in a few seconds.

Stk.No.25A5—
Ship. Wt. 7 lbs. Ea. **\$3.95**

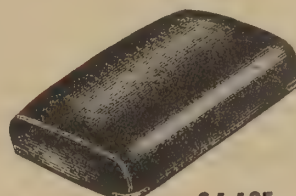


\$2⁹⁸

**Waterproofed Canvas
Foam Rubber
SEAT CUSHION**

The heaviest man can ride on the roughest field in perfect comfort because there are 3-INCHES of foam rubber between him and the steel seat. Millions of tiny bubbles are thickly packed in air foam rubber. With waterproof canvas cover. Fits newer tractors. Attaches with cord ties in a few seconds.

Stk.No.25A7.
Ship. Wt. 6 lbs. Ea. **\$2.98**



\$11⁹⁵

**Replacement
CUSHION**

For John Deere

Fits: A, B, G, & R

(1946 and later)

Fully upholstered and spring-filled. Covered with durable grease resistant Tolex plastic. Replaces original button cushion. Replace your old cushion now at this low price.

Stk.No.25A6.
Ship. Wt. 9 lbs. Ea. **\$11.95**



\$8⁹⁵

**Spring Type
CUSHION SEAT**

Fits all tractors (except IHC H & M) and implements. Can be easily transferred to wherever needed. Seat is thickly upholstered and backed by steel springs, waterproof cover. Frame of strong channel iron, drilled for easy installation.

Stk.No.49A17.
Wt. 25 lbs. Ea. **\$8.95**

REPLACEMENT CUSHION FOR ABOVE.
Stk.No.49A19 Ea. **\$5.95**

Visit Your Nearest TRACTOR SUPPLY Farm Store Soon!

High Compression Equipment

If you intend to convert your tractor to realize the benefits of High Compression operation, see the Manager of your Tractor Supply Farm Store first! He can help you select the proper equipment. We carry high compression heads, pistons, manifolds and mufflers, spark plugs, etc., needed for conversion.

High Compression Insert Conversion Kits For John Deere A, B, D, & G



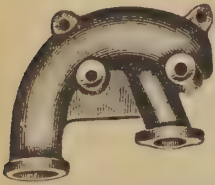
You can have High Compression conversion without replacing one standard working part of your John Deere motor. Compression increased about 30 lbs. (3 to 5 horsepower). Kit contains sets of 2 close-grained grey iron inserts, Champion Spark Plugs, and "Jet Fyr" Spark Plug Adaptors.



Up to 25% increase in power... pulling power stepped up almost a whole gear—these are the basic benefits of installing an Insert Conversion Kit! Cost of installation is low because there is no major change-over. All you do is remove cylinder head, install inserts in cylinders, replace head and install plug adaptors and plugs—no other standard parts need be changed. Motor retains its original balanced operation. Inserts never touch pistons, nor will they turn in cylinder to cause wear. Higher compression is achieved by reducing combustion area. If changing from distillate to gasoline, also install a Cold Gas Manifold (listed below). Motor can be reconverted to distillate simply by removing inserts. All inserts fit standard blocks. Only Stk.No.5A7 will fit rebored as well as standard blocks. Complete installation instructions included.

For Models	Stk.No.	Ship.Wt.	Set
Deere A, ser. nos. 410,000 to 487,999.....	5A7	7 lbs.	\$26.10
Deere A, ser. nos. 488,000 to 583,999.....	5A8	7 lbs.	26.10
Deere B, ser. nos. 96,000 to 200,999.....	5A9	4 lbs.	24.60
Deere D, ser. nos. 109,944 & up.....	5A10	11 lbs.	28.10
Deere G, ser. nos. 13,000 & up.....	5A11	8 lbs.	26.90

COLD GAS MANIFOLDS



For John Deere A, B, D, & G

For tractors using regular standard compression heads but burning gasoline fuel. Increase power output and cut waste caused by old overheated distillate manifolds. Operates at less cost per hour, does more work, cuts oil dilution, and decreases carbon formation.

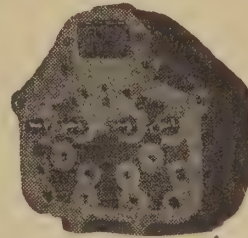
For "B", All 1934-47 models, ser. nos. 1000 to 190,000. Stk. No. H-251. Ship. wt., 19 lbs.....	\$ 9.75
For "A", All 1934-40 models, ser. nos. 410,000 to 487,999. Stk. No. H-252. Ship. wt., 21 lbs.....	\$10.95
For "A", All 1940-47 models, ser. nos. 488,000 to 574,000. Stk. No. H-253. Ship. wt. 21 lbs.....	\$10.95
For "G", "GM", serial nos. 13,000 and up. Stk. No. H-902. Ship. wt. 20 lbs.....	\$12.95
For "D", All 1931 and up, ser. nos. 109,944 and after. Stk. No. H-901. Ship. wt., 21 lbs.....	\$13.95

HIGH COMPRESSION HEADS

For John Deere A & B

New John Deere tractors are high compression in recognition of the demand for the benefits of using gasoline fuel—easier starting, smoother power, ability to pull greater loads, less fuel consumption per hour, less crankcase dilution and more hours per oil drain.

Now you can convert any Deere A or B, 1934-47 models, to get all these benefits.



These high compression cylinder heads have been scientifically designed to increase the compression ratio without upsetting the built-in crankshaft and bearing balance. By decreasing the amount of air space between the piston top and the head wall, the fuel-air mixture is packed tighter for more efficient use of gasoline power.

Heads are shipped complete with newly designed valves all assembled, with new guides, springs, and all valve parts. Valves are factory seated and heads are ready to put on without working over. New head gasket included, together with installation instructions.

For John Deere "B" Series	
CYLINDER HEAD for B, nos. 1,000 to 59,999. Order manifold H-251 below. Stk. No. H-522. 68 lbs.....	\$39.95
CYLINDER HEAD for B, nos. 95,000 to 190,000. Order manifold H-251 below. Stk. No. H-523. 75 lbs.....	\$49.95
H-C COLD MANIFOLD, for above heads. Stk. No. H-251. 19 lbs.....	\$9.75

For John Deere "A" Series	
CYLINDER HEAD for A, nos. 410,000 to 487,999. Order manifold H-254 below. Stk. No. H-520. 100 lbs.....	\$54.95
H-C COLD MANIFOLD for above Head. Stk. No. H-254. 21 lbs.....	\$10.95
CYLINDER HEAD for A, nos. 488,000 to 574,000. Order manifold H-255 below. Stk. No. H-521. 108 lbs.....	\$59.95
H-C COLD MANIFOLD for above Head. Stk. No. H-255. 21 lbs.....	\$10.95

HEADS ARE NOT PREPAID—Shipped Collect

HIGH COMPRESSION HEAD



For Reg., F-20

COMPRESSION EQUAL TO 8000' H-C OUTPUT

Step up your compression ratio to the equivalent of 8000' using STANDARD pistons. Head will not permit use of raised head High Compression pistons. Play in the next higher gear, save several hours of time each day in the field, economy on fuel, more hours per oil drain, less crankcase dilution.

HEAD COMPLETE WITH VALVES AND GUIDES INSTALLED

New type valves are ground into the head, all new guides, springs, keys, retainers, and gaskets are furnished. For best results install a cold gasoline manifold as listed separately below.

HEAD COMPLETE for All 1924-39 Regular and F-20 Tractors

Stk. No. H-501. 130 lbs.....	\$69.95
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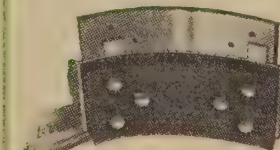
HEADS NOT PREPAID—SHIPPED COLLECT

PULLEY BRAKE LINING

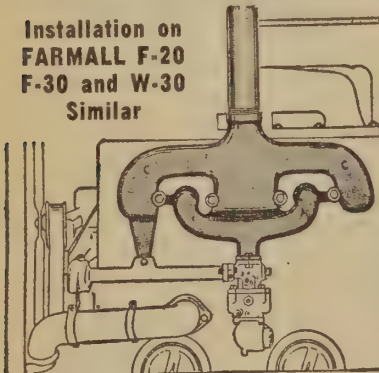
For Deere A, B, G, & D

Replacing the worn out pulley brake lining has always been a time consuming irksome task because of the necessity of dis-assembly before the rivets could be reached. This new metal clip, with lining riveted at the factory, permits you to slip in a new lining in a few seconds.

Fits All A, B, G and D Tractors. Stk. No. 5A30. 1 lb.....	Each, 69c
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Installation on
FARMALL F-20
F-30 and W-30
Similar



COLD GAS MANIFOLDS

For Farmall & McCormick-Deering

Up to 20% more power can be had because of better gasoline vaporization when you install a Cold Gas Manifold. Each is ready to install without machining, complete instructions and gasket included. Special carburetor conversion kit included with some numbers indicated below. Permits better carburetion for gasoline operation.

FARMALL REGULAR, All 1927-31 Models With Enclosed Governor. Stk. No. H-211. 35 lbs.....	\$14.95
FARMALL F-20, All 1932-39 Models Using Zenith Carburetors. Stk. No. H-212. 36 lbs.....	\$16.95
FARMALL F-30, IHC W-30, All 1931-39 Models. Stk. No. H-213. Ship. wt. 45 lbs.....	\$19.95
MCCORMICK DEERING 10-20, All 1927-35 with Enclosed Governor. Stk. No. H-215. 47 lbs.....	\$14.95
MCCORMICK DEERING 15-30, 1927-28 Models with Enclosed Governor. Stk. No. H-216. 50 lbs.....	\$17.95
MCCORMICK DEERING 22-36, All 1929-35 Models. Stk. No. H-217. Ship. wt. 51 lbs.....	\$18.95
FARMALL A, B, C, 1942-48; Super A, Super B; Super C. Stk. No. H-904. 18 lbs.....	\$7.95

With Special Power Carburetor Kit Included

FARMALL F-12, F-14, W-12, 1934-39. Stk. No. H-218. With carb. kit. 19 lbs.....	\$13.95
FARMALL "H", W-4, 1940-up. With carburetor kit. Stk. No. H-223. 25 lbs.....	\$21.35
FARMALL "M", W-6, 1940-up. With carburetor kit. Stk. No. H-224. 31 lbs.....	\$23.95

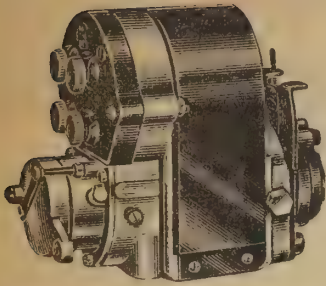
Mufflers For Manifolds Listed Above

Manifolds H-211, H-212, H-213, H-215, H-216, H-217 use Muffler Stk. No. 28A53.....	\$4.49
Manifolds H-223 and H-224 use Muffler Stk. No. 28A55.....	\$4.15
Manifold H-218 uses Muffler Stk. No. 28A52.....	\$3.49

36 We Have the Parts To Save You Money on Engine Repair!

TRACTOR & IMPLEMENT PARTS

This representative listing of Precision Tractor & Implement Parts can only give you an idea of the wide range of parts we carry, the number of Makes & Models we can supply parts for, and the Savings that can be yours When You Buy From TRACTOR SUPPLY. In our big 1952 Tractor Parts BLUE BOOK there are complete sections devoted to parts listings for individual tractor Makes & Models. If you did not receive this 100 Page Catalog which is packed with outstanding values in Tractor & Implement Parts and other farm needs—Write to Your Nearest TRACTOR SUPPLY Farm Store. Your FREE copy will be sent to you by return mail.



Rebuilt MAGNETOS

For IHC Tractors

4 cyl. E4A fits 1928-31. TRADE-IN

ALLOWANCE \$7.00

OUTRIGHT PRICE \$25.95

Stk.No.M-101. EXCHANGE SALE PRICE..... **\$18⁹⁵**



RING SETS

For J. I. CASE S, SC

Original Eqpt. Type.
Stk.No.R-54

\$2.65

Steel Segment Type.

\$4.75

Stk.No.R-154

"Power Seal" (as pictured).

\$6.75

Stk.No.R-254



ROD & MAIN BEARINGS

For Farmall F-12
(after #FS41591)

Conn. Rod. Stk.No.K-109..... **80c**

Frnt. & Ctr. Main. K-112..... **\$1.40**

Rear Main. Stk.No.K-111..... **\$3.20**



CLUTCH PLATES

For ALLIS-CHALMERS
WC, WD

Stk.No.W-98



VALVES & VALVE SETS

For FORD 1939-48

Models 9N, 2N. Superchrome Exhaust. Stk.No.SV-57..... **85c**
COMPLETE VALVE SETS with guides, retainers, etc. Stk.No.VX-1057..... **\$9.95**



WHEEL BEARING SETS

For COCKSHUTT 30,
CO-OP E-3

Inner & outer cup & cone. Complete for one wheel.

Stk.No.B5-606..... **\$4.75**



HEAD & CAMSHAFT SETS

For OLIVER 70 HC,
70 KD

Cyl. Head. Stk.No.GH-81..... **\$1.85**

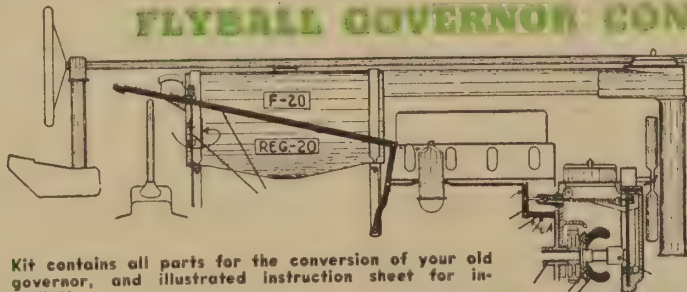
Motor Set (15-pcs.). Stk.No.GS-81..... **\$12.00**



BRAKE LINING SETS

For JOHN DEERE A

4-pc. set with rivets to reline both brakes. Stk.No.5A33..... **\$1.45**



FLYBALL GOVERNOR CONVERSION KIT

For IHC Tractors

Fits Farmall Reg. F-20, F-30, W-30, 10-20. Specify model of tractor.

Only **\$10⁹⁵**

OVERDRIVE Transmissions For FORD-IHC-ALLIS-CHALMERS

For FORD 1939-51

Overdrive as pictured fits 1944 to date, after ser. nos. 140775. Models built before 1944 must change spur type gear to helical type.

Stk.No.16A89..... **\$49⁹⁵**

For Farmall Reg. & F-20

For all 1924-39 Reg. & F-20 except tractors where "M" type pump has been installed. Approx. doubles speed range. Clutch shaft must be shortened 3/4", or order clutch shaft listed below.
For REG. 1924-31. Stk.No.H-645. **\$74⁹⁵**

For F-20. Stk.No.H-641..... **\$6.95**

Clutch Shaft (short type). Stk.No.H-639..... **\$6.95**

For Farmall F-12 & F-14

Many F-12's have been changed to use a 14 tooth drive pinion like F-14. Count teeth on present drive pinion and order 14 or 16 tooth type as listed below.
For F-12 (16 tooth pinion). Stk.No.H-651. **\$60⁹⁵**

For F-14 (14 tooth pinion). Stk.No.H-655.

For Farmall F-30

Similar to F-20 above. Clutch shaft must be shortened. For all F-30. **\$74⁹⁵**

Stk.No.H-670.....

For ALLIS CHALMERS WC,
RC, WF

Gives you 8 speeds forward, 2 speeds in reverse. All WC tractors before ser. no. #74430 were equipped with old style long pinion which must be replaced with short type before installation of overdrive.

Stk.No.6A17..... **\$69⁵⁰**

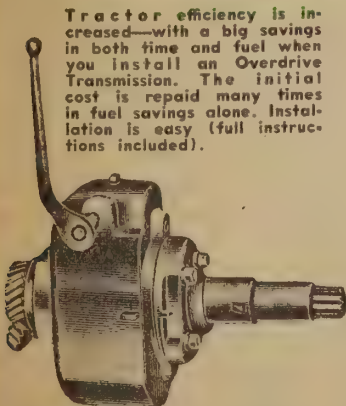
HIGH SPEED ROAD GEAR

For Farmall Reg. & F-20

Road gear does not change or replace your present forward or reverse speeds in any way. It adds a new high speed 5th gear only for fast highway travel.

For Reg. 1924-31. Stk.No.8A101. **\$53⁹⁵**

For F-20 1932-39. Stk.No.8A100...



WRITE or Visit Your Nearest TRACTOR SUPPLY Farm Store for Complete Information on Overdrive Transmissions.



SAVE on Precision QUALITY FAN and GENERATOR BELTS

low **75¢**
as

Replace your frayed and worn old belt with a new Precision Belt. Prevent costly breakdowns due to belt failure. All Precision Belts have cores of many twisted rayon cords imbedded in live rubber, with tough, long-wearing fabric outer covers. Made for us by one of the nation's largest belt manufacturers, of correct width, thickness, and circumference to fit your tractor perfectly. All types are V-belts except where otherwise specified.

Some tractor models require different length fan belts when equipped with generator, than do the same models without generator. Note listings "W/o Generator" and "With Generator" and order accordingly. A few models take one belt for the fan drive, a separate belt driving the generator. Note listings for "Fan Belt" and others "Generator Belt."

Model	Outer Circumf.	Repl. No.	Stk. No.	Weight lbs.-oz.	Each
FOR ALLIS-CHALMERS					
B, B15, C, RC (W/o Generator).....	32 1/8"	207003	B-44	-10	.85
B, C, RC (With Generator).....	37 3/8"	210529	B-45	-12	1.15
W, WC, WD, W25 (W/o Generator).....	42 1/4"	U-3073	B-41	-12	.85
W, WC, WD, W25 (With Generator).....	47 1/8"	209824	B-42	-10	.95
U, UC, UM, 1935 & up (Fan Belt).....	52 1/8"	U-2754	B-43	-16	1.50

FOR CASE

C, CC, D, DC, 1933 & up (Fan Belt).....	46 1/8"	02696AB	B-52	-10	1.55
D, DC Series (Generator Belt).....	24 3/4"	07105AB	B-58	-10	.95
L, LA Series, 1933-40 (Fan Belt).....	46 1/8"	02696AB	B-52	-10	1.55
L, LA Series, 1940 & up (Fan Belt).....	46 1/8"	06077AB	B-63	-14	1.70
L, LA Series, 1940 & up (Gen. Belt).....	29 1/2"	06185AB	B-60	-8	1.45
R, RC Series, (Fan Belt).....	41 1/4"	03782AB	B-54	-12	1.20
V, VC, VA, VAC (W/o Generator).....	41 1/4"	03782AB	B-54	-12	1.20
V, VC, VA, VAC (With Generator).....	44 1/4"	VT2102	B-81	-10	1.05
S, SC Series (W/o Generator).....	43 3/8"	05792AB	B-57	-10	1.05
S, SC Series (With Generator).....	47 1/2"	05977AB	B-56	-10	1.20

FOR COCKSHUTT 30, CO-OP E-3

Cockshutt 30, Co-op E-3 (Fan Belt).....	47 1/4"		B-52	-10	1.55
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FOR DEERE

D, 1939 & up (Generator Belt).....	36 1/8"	D3116R	B-28	-8	.90
A, 1940-41; B, BN, 1940-47 (Gen. Belt).....	29 1/2"	B1587R	B-29	-6	.75
A, 1942-47 to #476599; BO, BR (Gen. Belt).....	26 1/2"	A1230R	B-18	-6	1.05

FOR FORD

1939-42 "short" belt for small generator.....	42 7/8"	9N8620A	B-37	-12	.90
1943 & up ("long" belt for large generator).....	45 7/8"	9N8620B3	B-38	-12	1.25

FOR MINNEAPOLIS-MOLINE

"U" Series, 1939 & up (Fan Belt).....	47 1/8"	KE-964E	B-63	-16	1.70
"R", "U", & "Z" Series (Gen. Belt).....	33 3/4"	KE-1112	B-64	-8	.80
"R" & "Z" Series (Fan Belt).....	47 1/2"	RE-684	B-56	-10	1.20

Model Outer Circumf. Repl. No. Stk. No. Weight lbs.-oz. Each

FOR I. H. C. FARMALL

Farmall Reg., 1924-31 (Flat Belt).....	44 1/4"	14040DB	B-11	-12	.95
Farmall Reg., 1924-31 (Deluxe Quality fabric-covered flat belt for extra long service).....	44 1/4"	14040DB	B-101	-10	1.45
Farmall F-20, 1932-38 (Flat Belt).....	45 1/2"	20270D	B-10	-12	.95
Farmall F-20, 1932-38 (Deluxe Quality fabric-covered flat belt for extra long service).....	45 1/2"	20270D	B-100	-10	1.35
Farmall F-20, 1938-39 (V-belt).....	52 3/4"	37638D	B-19	-16	1.70
Farmall F-12, F-14, W-12, W-14.....	38 3/8"	28953D	B-12	-12	.98
Farmall F-30, W-30, U-7, U-10.....	51 3/4"	18764DA	B-13	-18	1.55
IHC 10-20, 1923-32 (Flat Belt).....	47 7/8"	10414DA	B-14	-12	1.05
IHC 15-30, 1921-28 (Flat Belt).....	51 1/2"	4284D	B-15	-10	1.59
IHC 22-36, 1929-35.....	57 7/8"	11671D	B-16	-10	2.15
IHC Combines 7, 9, 10, 11 (Flat).....	44 1/4"	14040DB	B-11	-12	.95
IHC T-14, TD-14, TD-35, TD-40, WD-40.....	57 7/8"	11671D	B-16	-10	2.15
Farmall A, B, C (Fan Belt).....	33 3/8"	46869D	B-20	-12	1.10
Farmall A, B, C (Generator Belt).....	26"	49291D	B-86	-6	.85
Farmall H, HV, W-4 (Fan Belt).....	38 3/8"	48032D	B-12	-12	.98
Farmall H, HV, W-4 (Generator Belt).....	31 3/8"	48878D	B-21	-6	.79
Farmall M, MD, W-6, WD-6 (Fan Belt).....	46 1/8"	69490D	B-52	-20	1.55
Farmall M, W-6 (Generator Belt).....	34 3/8"	49341D	B-22	-8	.95
Farmall Cub (Fan Belt).....	31 1/4"	251428R1	B-24	-10	.98
IHC W9, WD9, T9, U9, UD9 (Fan Belt).....	49 1/8"	48042D	B-25	-10	1.85
IHC W9, WD9, T9 (Generator Belt).....	36 1/8"	54867D	B-28	-8	.90
IHC Combine 122.....	38 3/8"	28953D	B-12	-12	.98
IHC Combine 52, 62.....	31 1/4"	68884D	B-24	-10	.98

FOR MASSEY-HARRIS

Facemaker, Challenger.....	46 1/4"		B-52	-10	1.55
22, 81, 82.....	42 1/4"	33365A	B-81	-10	1.20
30, 101 Jr., 102 Jr.....	43 3/8"	31145A	B-57	-10	1.05
44, 4 Cyl.....	50"	35645A	B-69	-10	2.10
55.....	51 3/4"	35644A	B-13	-18	1.55

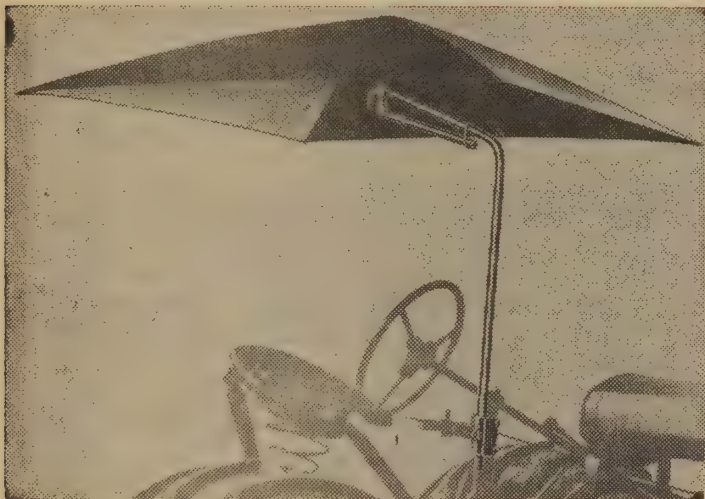
FOR FERGUSON

TE-20, TO-20, 1948-51.....	41 1/4"		B-54	-12	1.20
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FOR OLIVER

18-27, 18-28, 1930-37.....	44 3/4"		B-81	-10	1.20
60, 1940-47.....	34"		B-83	-8	.95
70, 1935-39 (Without Generator).....	38 3/8"		B-12	-12	.98
70, 1935-39 (Generator Belt).....	26"		B-86	-8	.85
70, 1939 & up (With Generator).....	43"	B1257B	B-82	-12	1.20
66, 77 (Fan Belt).....	37 3/8"		B-45	-12	1.15
77, 88 (Generator Belt).....	25"		B-84	-6	.75
80 (Fan Belt).....	46 1/2"		B-63	-14	1.70
88 (Fan Belt).....	38 3/8"		B-12	-12	.98
90, 99 (Long Generator Belt).....	31 1/4"		B-24	-10	.98

Offset TRACTOR UMBRELLAS



Improved shaft is made of 1 1/4" diameter polished steel. High tensile spring steel bows prevent umbrella from turning inside out in wind gusts. Heavy duty 8 oz. duck cover with 2-tone design. A well made, sturdy umbrella that will give you years of satisfied service. Stk. No. 49A30—Wt. 14 lbs. **\$10.95**

See bracket listing at right above for correct umbrella bracket for your make and model, and order bracket separately.

Stk. No.	BRACKETS for Tractor Models	Mounting Position
49A10	IHC Farmall H and M.....	Steering Post
49A31	IHC Farmall Reg., F-20, F-30, Cub.....	Steering Post
49A37	IHC A & B.....	Trans. Housing & Steering Post
49A35	Allis Chalmers WC.....	Steering Post
49A31	Allis Chalmers B, C.....	Steering Post
49A34	Case DC & SC.....	Right Fender
49A34	Case VAC.....	Drive Shaft Housing
49A34	Case LA.....	Under Seat
49A40	Deere A, B, G, GM, & H (Before 1947 Without Electr. Equ.).....	Steering Post
49A32	Deere, A, B, GM, H (1947 & after).....	Steering Post
49A33	All Ford and Ferguson.....	Differ. Left
49A31	Massey Harris 55.....	Steering Post
49A39	Massey Harris 101 Sr. & Jr. 20, 30, 44.....	Top Trans. Cover
49A38	Minneapolis Moline Z & U. (Before 1949).....	Top Trans. Cover
49A36	Oliver 60, 70, 80.....	Fender & Axle Housing

BRACKET ONLY, for above Tractors. Ship. wt. 2 lbs. each. **\$1.89**

STRAIGHT TYPE UMBRELLAS

The old reliable tractor umbrella as used for years and still popular. Heavy duty construction with 1 1/4" tubular steel handle, 66" high, 6 rib type with heavy tan drill cover. Umbrella complete less brackets. Brackets listed below.)

Stk. No. 49A45.....Each **\$7.85**

UNIVERSAL UNDER-SEAT BRACKET—12" clearance from seat bolt.

Stk. No. 49A46—Wt. 1 lb.....Each **\$1.35**



\$7.85

Precision RADIATOR CORES

HEAVY DUTY CONSTRUCTION

Equal or superior to original equipment. Heavy duty tubular construction of finest copper alloys, reinforced and sealed with high tin content solder.

FREEZEPROOF & SHOCKPROOF

Large oval tubes are double-lock seamed—stronger than usual lap-seamed type. Each series of tubes is solder-baked at 700° F. to supporting wall or air-cooling fins. Provides efficient cooling in any weather.

Radiator Gaskets and Hoses Should Be Replaced When You Install a New Core.

BUILT TO EXACT SPECIFICATIONS

Will fit perfectly. All cores have heavy sheet brass top and bottom header plates. With holes drilled, ready to bolt to old tractor water tanks (except Stk. No. C-3 for IHC W-9 which must be soldered to old tank).

24 MONTH SERVICE GUARANTEE

Should any Precision Core or Complete Radiator fail within 24 months from date of purchase (not caused by damage or negligence) we will replace it, charging only for service received.

For IHC McCormick-Deering, Farmall

FOR FARMALL F-12, F-14, W-12. Height 19". Header plates 5 1/2"x17 1/2", with holes drilled for bolting on.	\$1950
Stk.No.C-4—Ship. Wt. 26 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-197.	Pr. 25c
FOR FARMALL Reg. F-20, 10-20. Height 20 1/2". Header plates 5 1/2"x22" with holes drilled for bolting on.	\$2795
Stk.No.C-5—Ship. Wt. 12 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-116.	Pr. 29c
FOR FARMALL F-30, 1931-39. Height 22 1/2". Header plates 5 1/2"x22" with holes drilled for bolting on.	\$3150
Stk.No.C-6—Ship. Wt. 37 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-116.	Pr. 29c
FOR IHC 15-30, 1921-27. Height 23 1/2". Header plates 5 1/2"x24", with holes drilled for bolting on.	\$3250
Stk.No.C-7—Ship. Wt. 36 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-159.	Pr. 35c
FOR IHC 15-30, 1927-28, 22-36, W-30. Height 23 1/2". Header plates 5 1/2"x24", with holes drilled for bolting on.	\$3295
Stk.No.C-8—Ship. Wt. 37 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-160.	Pr. 37c
FOR IHC W-9, 10-9, 1946 and up. Height 24 1/2". Top header 10 1/4"x24", bottom header 4 1/4"x25". Core only, ready to solder to tank. Stk.No.C-3—Ship. Wt. 30 lbs.	\$5650

Core & Tank Assemblies for H & M

FOR FARMALL H. Repl. No. 6716DDX. Complete assembly, with core and 1-pc. brass tank.	\$4450
Stk.No.C-1—Ship. Wt. 34 lbs.	Ea.
FOR FARMALL M. Repl. No. 6717DDX. Complete assembly, improved pressure type core and 1-pc. brass tank.	\$5750
Stk.No.C-2—Ship. Wt. 39 lbs.	Ea.

For J. I. CASE Tractors

FOR C, CC, D, DC series. Height 20 1/2". Header plates 5 1/2"x17 1/4", with holes drilled for bolting on.	\$2925
Stk.No.C-21—Ship. Wt. 35 lbs.	Ea.
GASKETS for above. Stk.No.G-554.	Pr. 35c
FOR L, LA series. Height 23". Header plates 6 3/8"x22 1/4", with holes drilled for bolting on.	\$3375
Stk.No.C-20—Ship. Wt. 44 lbs.	Ea.
GASKETS for above. Stk.No.G-555.	Pr. 35c
FOR R, RC series, 1936-42. Height 19". Header plates 5 5/8"x17 5/8", with holes drilled for bolting on.	\$2575
Stk.No.C-22—Ship. Wt. 30 lbs.	Ea.

For ALLIS-CHALMERS Tractors

For U, UC, 1U, M, 1931-36. Height 23 1/8". Top header, 7 1/4"x23"; bottom, 5 1/2"x23". With holes drilled for bolting on.	\$3350
Stk.No.C-27—Ship. Wt. 28 lbs.	Ea.

For JOHN DEERE Tractors

FOR D, 1925-31. Before ser. no. 109943. Height 19 3/4". Top header 15 7/8"x23 1/2", bottom 5 3/4"x23 1/2", with holes drilled for bolting on.	\$2895
Stk.No.C-9—Ship. Wt. 32 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-208X. Wt. 6 oz.	Pr. 30c
FOR D, 1931-39. Height 19 3/4". Top header 15 7/8"x23 1/2", bottom 5 3/4"x23 1/2", with holes drilled for bolting on. (Also is heavy duty replacement for D, 1925-31) Stk.No.C-10—Ship. Wt. 39 lbs.	\$3350
GASKETS for above, upper and lower. Stk.No.G-208X. Wt. 6 oz.	Pr. 30c
FOR D, 1940 and up. Height 19 3/4". Header plates 6 1/4"x22 7/8", with holes drilled for bolting on.	\$3150
Stk.No.C-11—Ship. Wt. 35 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-212. Wt. 6 oz.	Pr. 30c
FOR B, 1934-39. Height 16 1/2". Header plates, 6"x17", with holes drilled for bolting on.	\$1895
Stk.No.C-15—Ship. Wt. 25 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-264. Wt. 6 oz.	Pr. 30c
FOR B, 1939 and up. Height 17 3/4". Header plates 5 1/2"x15 1/8", with holes drilled for bolting on.	\$2375
Stk.No.C-16—Ship. Wt. 25 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-218. Wt. 6 oz.	Pr. 30c
FOR A, 1934-40. Height 18 1/2". Header plates 5 1/2"x18 3/8", with holes drilled for bolting on.	\$1995
Stk.No.C-14—Ship. Wt. 30 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-243. Wt. 6 oz.	Pr. 30c
FOR A, 1940-42. Height 20". Header plates 5 1/2"x18 1/8", with holes drilled for bolting on.	\$2995
Stk.No.C-13—Ship. Wt. 30 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-216. Wt. 6 oz.	Pr. 30c
FOR A, 1942 and up. Height 21". Header plates 5 1/2"x18 3/8", with holes drilled for bolting on.	\$3125
Stk.No.C-12—Ship. Wt. 33 lbs.	Ea.
GASKETS for above, upper and lower. Stk.No.G-216. Wt. 6 oz.	Pr. 30c
For G, after ser. nos. 13800. Height 21 1/2". Header plates 6 1/2"x22 1/2", with holes drilled for bolting on.	\$3450
Stk.No.C-17—Ship. Wt. 28 lbs.	Ea.

Core & Tank Assemblies for FORD

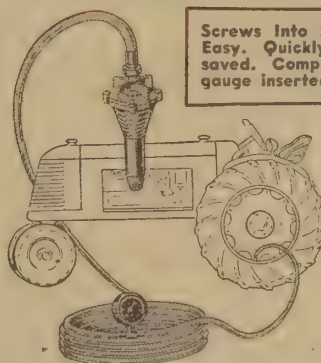
FOR FORD, 1939-51. Repl. No. 8N-8005. Complete assembly, with core and 1-pc. brass tank.	\$3650
Stk.No.C-30—Ship. Wt. 25 lbs.	Ea.

SPARK PLUG TIRE PUMP

DELIVERS CLEAN, FRESH AIR

For INFLATING TIRES, SPRAY PAINTING, Etc.

FOR TRACTORS, CARS, TRUCKS



Screws Into Spark Plug Hole—Makes Inflating Tires Easy. Quickly pays for itself in time and labor saved. Complete with long air-hose with pressure gauge inserted.

Now pumping up tires can be a pleasure. To operate this pump you simply remove one spark plug, insert the pump with the proper size adapter from the kit and start the motor. Provides air pressure of 50 to 100 lbs. depending entirely on the compression in the motor used. Fits any standard spark plug hole thread. Positive check-valve prevents motor fumes from mixing with the air supply assuring clean-fresh-air.

Complete unit consists of pump assembly with 4 adapters to fit all standard plug sizes. 16 foot air hose and PRESSURE GAUGE inserted in the air line. Packaged in substantial carton. Fits All Tractors except Ford.

Stk. No. 25A30. Shpg. wt. 3 1/2 lbs. complete. **\$3.49**

REPLACEMENT PUMP HEAD ONLY

Fits pump listed above. Use old hose, adapters, etc. **\$1.29**

SPECIAL PUMP for 1939-50 FORD Tractors

Same as standard pump described above, but with special small diameter to fit Ford head. Stk. No. 25A31. 3 lbs. **\$3.45**

RADIATOR SCREENS

An overheated engine can cost you time . . . and money! Bugs, weeds and trash which lodge between the cooling fins of your radiator make your engine overheat. Prevent this by installing an "Air-Flow" radiator screen, especially designed for your particular make and model of tractor. Screens are made with 25 gauge steel frame with 1/4" to 1/2" steel mesh, enameled in matching tractor color. Each supplied with spring hooks for easy installation.

Average Ship. Wt. 3 lbs.

For Make & Model	STK.NO.	Each
Allis-Chalmers WC, WD, (1-pc.)	13A30	\$2.49
John Deere A (2-pcs.)	13A31	2.69
John Deere B, M, MT (2-pcs.)	13A32	2.69
Ford, Ferguson All (2-pc.)	13A33	2.89
IHC Farmall H (1-pc.)	13A34	3.59
IHC Farmall M (1-pc.)	13A35	3.98

RIGHT SIDE BRAKE KIT FOR OLIVER "70"

Permits you to have both brake pedals on the right side of your Oliver "70," leaving your left foot free to operate clutch. Made of malleable iron and steel. Easily installed, instruction included. **\$8.79**

Stk.No.6A25—Ship. Wt. 10 lbs. Ea.

Fast Counter Service By Farm Machinery Specialists!

Precision QUALITY MUFFLERS

Precision Replacement Mufflers are designed and engineered to equal or surpass manufacturers requirements for noise reduction qualities, while minimizing back pressure as prescribed by individual engine design.

For Make & Model	Replaces Mfrs. No.	STK. NO.	Ship. Wt.	EACH
Allis Chalmers W, WC, before #106,509	210137	28A60	4 1/2 lbs.	\$2.98
Allis Chalmers W, WC, after #106,509	212479	28A61	4 lbs.	2.98
Allis Chalmers WD	219534	28A62	6 lbs.	4.15
Allis Chalmers B, C, RC	210081	28A15	3 lbs.	2.95
J. I. Case C, CC, D, DC. With clamp	A1341AA	28A66	7 lbs.	4.95
J. I. Case L, LA series	06705AB	28A67	7 lbs.	5.19
J. I. Case S, SC series	06417AB	28A68	6 lbs.	4.98
J. I. Case V, VC, VA, VAC series	VTA1135	28A65	7 lbs.	4.39
John Deere A ser. nos. 410,000 to 476,599; G	AA300R	28A87	5 1/2 lbs.	4.95
John Deere A after 488,000	AA2214R	28A88	7 1/2 lbs.	4.25
John Deere B ser. nos. 1000 to 59,999	AB209R	28A25	7 lbs.	4.25
John Deere B 60,000 to 95,999	AB1524R	28A85	6 lbs.	5.15
Ford 2N, 9N, 8N, 1939-49. With clamp	9N-5230	28A72	7 lbs.	4.69
IHC Farmall A, B, C	48832D	28A51	4 1/2 lbs.	4.45
IHC Farmall F-12, F-14, W-12	40835D	28A52	4 lbs.	3.49
IHC Farmall F-20, F-30, W-30. With clamp	40142D	28A53	8 lbs.	4.49
IHC Farmall H, W-4	51070D	28A56	6 lbs.	3.95
IHC Farmall M, MD, W-6, TD-6	45805DB	28A55	7 lbs.	4.15
IHC Farmall W-9, TD-14	50917D	28A57	9 1/2 lbs.	5.10
Massey Harris 81, 101, 101 Jr., 22, 30, 44-4, 44-6	32289A	28A75	7 lbs.	4.95
Oliver 60	H452	28A35	2 1/2 lbs.	2.39
Oliver 70	B452A	28A81	5 lbs.	3.55
Oliver 77, 88	K452	28A83	5 lbs.	3.19
Minn. Moline GT, UT, ZT	KE846	28A77	8 1/2 lbs.	4.85
Cockshutt 30	28A51	28A51	4 1/2 lbs.	4.45
Co-Op E-3	28A51	28A51	4 1/2 lbs.	4.45

MUFFLERS For Tractors NOT NOW Equipped

Following mufflers are complete attachments for tractors not originally equipped with mufflers. Complete unit includes muffler, elbow pipe for attaching to present exhaust pipe manifold, and necessary clamps.

IHC Farmall Regular, 1924-32	28A4	11	\$3.95
IHC 22-36, all 1929-35	28A10	12	3.95
Deere D, GP, 1928-41	28A30	12	4.50

ECONOMY MUFFLERS

Straight-through type. Equal to original equipment type in strength and noise reduction qualities. Will fit perfectly. Inlet clamp included.

For Make & Model	Replaces Mfrs. No.	STK. NO.	Ship. Wt.	EACH
IHC Farmall F-12, F-14, W-12	40835D	28A2	4 lbs.	\$2.9
IHC Farmall F-20, F-30, W-30, TD-18	40142D	28A3	7 lbs.	3.98

MUFFLER CLAMPS

360° clamps for sealing inlet joints. All steel construction. With hex nut for tightening.

1 3/4" SIZE—Stk.No.28A99	For Allis Chalmers WD; Farmall F-12, etc.	25¢
2" SIZE—Stk.No.28A98	For Farmall A, B, C; Oliver 70, etc.	
2 1/2" SIZE—Stk.No.28A97	For Farmall H, M; Massey Harris, etc.	Ea.

EXHAUST SHIELDS

Keeps rain and dirt out of muffler and engine. Permits easier starting. Deflects fumes from operator. Sensitively balanced to open when motor starts—will close when motor stops. Made of die-cast aluminum with bolts furnished. For tractors, combines, balers, etc.

For Exhaust Pipes up to 3 1/8" diam.	Stk.No.28A48—Ship. Wt. 3/4 lb.	Ea.	\$1.29
For Exhaust Pipes over 3 1/8" diam.	Stk.No.28A47—Ship. Wt. 1 1/2 lbs.	Ea.	\$2.25

SPARK CAPS

Permits exhaust gases to swirl without back pressure. Sparks are deflected by cupola top and cooled before passing through. Made of die-cast aluminum with bolts furnished.

For Exhaust Pipes up to 3" diam.	Stk.No.18A45—Ship. Wt. 1 lb.	Ea.	\$1.75
For Exhaust Pipes over 3" diam.	Stk.No.18A46—Ship. Wt. 1 lb.	Ea.	\$1.75

Cyclone AIR CLEANERS

Cyclone Air Cleaners are now in use on over a half a million farm machines, saving maintenance expense, keeping oil cleaner, and reducing the possibility of equipment failure during the peak seasons.

Simplicity of operation keeps repair and maintenance at a minimum. Centrifugal action swirls dust particles into patented vacuum trap. This pre-cleaned air is drawn into oil bath and thoroughly oil-washed to give you the utmost in engine protection.

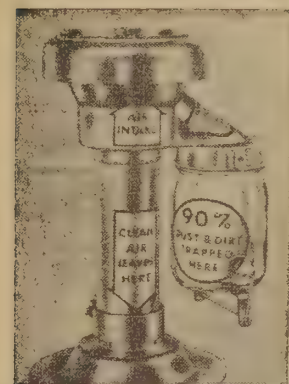
Cyclone Air Cleaners are made of the highest quality materials . . . fully guaranteed to perform as claimed. By lengthening the time between engine repair and assuring reliable engine performance, they more than pay for themselves in a short period of time.

TRAPS 90% of DUST

... before it enters engine
THERE'S A "CYCLONE" AIR CLEANER
FOR ALL FARM ENGINES

- TRACTORS
- COMBINES
- HARVESTERS
- HAY BALERS
- COTTON PICKERS
- STATIONARY ENGINES
- POWER UNITS
- TRUCKS

If Air Cleaner for your engine is not listed below, write for price. NOTICE: All Air Cleaners Models marked (*) are from factory. Allow 3 additional days for delivery. Others shipped from stock.



MAKE & MODEL STK.NO. EACH

IHC		
A, B, Cub	L-401	\$11.50
C	L-403	14.25
H	L-404	14.25
M, MD	L-408	16.50
123SP, 125SP Combines	L-412	16.50
50T, 50AW Balers	L-401	11.50

J. I. CASE

D, DC, C	L-405	\$14.25
L	*L-424	16.50
LA, LAI	L-410	16.50
S, SC; SP9 Combine	L-403	14.25
YA, YAC, A6 Combine	L-402	11.50
SPI2, V2 Combine	*L-426	16.50
NCM Baler	L-402	11.50

GLENER BALDWIN

NR., 6S Combines	L-404	\$14.25
6S Combines	L-402	11.50
9H, 9J, 12E, 12F	L-411	16.50

MAKE & MODEL STK.NO. EACH

ALLIS CHALMERS

B, C; 60 Combine	L-401	\$11.50
W, WF, WC	*L-425	14.25
WD	*L-420	15.50

OLIVER

70	*L-435	\$14.25
80	L-406	15.50
77	*L-433	14.25
88	*L-432	16.50
88D	*L-431	16.50
90, 99	L-408	16.50
33, 33SP Combine	*L-428	15.50
2, 15, 20 22 Combine	L-409	11.50
Bale Master Jr.	L-402	11.50

AVERY

A	L-404	\$14.25
V	*L-422	11.50
B Combine	*L-428	15.50
F Combine	L-403	14.25

MAKE & MODEL STK.NO. EACH

MINN. MOLINE

GTA, GTB, GTN	L-408	\$16.50
RT, ZT series	L-403	14.25
UT series	L-407	15.50
Z, AZ, U	L-404	14.25
Jr. Harvester, 69,		
J2 Combine	L-409	11.50
S, SR, G-14S Combine	L-411	16.50
69 Bale-O-Matic	L-402	11.50

MASSEY HARRIS

20, Clipper Combine	L-402	\$11.50
Pony	L-401	11.50
20K	L-403	14.25
22, 30, 101 Jr., 102 Jr.	L-404	14.25
101 Sr., 102 Sr.	L-407	15.50
44, 44K	L-406	15.50
44D, 55, 55K	L-408	16.50
55D	*L-436	18.50
26SP 1951, 20, 21, 21A	L-411	16.50
27SP Combine	L-414	18.50
SP Corn Picker	L-404	14.25

MAKE & MODEL STK.NO. EACH

COCKSHUTT & CO-OP

30, E3	L-404	\$14.25
40, E4	*L-428	15.50
SP-110, SPII2, SPII5	L-408	16.50
SPEI12, SPEI15	L-408	16.50

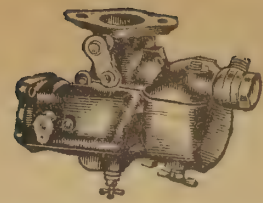
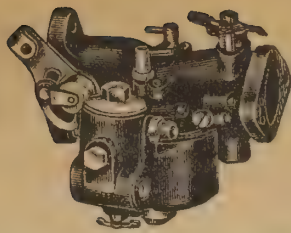
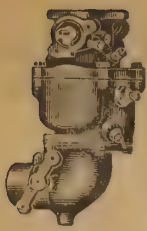
JOHN DEERE

A, 1939 & up, GM	*L-427	\$16.50
B, 1939-47	*L-421	11.50
B prior to 1939	L-409	11.50
B, 1947 & up	*L-430	15.50
D	*L-434	18.50
M, MT	L-404	14.25
R diesel	*L-429	19.50
6, 7, 16 Combines	L-409	11.50
G, 55-SPI prior to 1951	L-408	16.50
55, 1951	*L-428	15.50
62 Hay Chopper	L-402	11.50
116 Baler	L-402	11.50

FERGUSON

TO-20	*L-423	\$ 9.50
TO-30	L-413	9.50

Why Pay More? Buy From TRACTOR SUPPLY for Less!



ZENITH & MARVEL SCHEBLER CARBURETORS

BRAND NEW ZENITH and MARVEL SCHEBLER tractor carburetors, as used for original equipment on most models. For even greater economy, trade your old carburetor on a complete rebuilt carburetor, like new in every respect and with a new carburetor guarantee. Each rebuilt unit has been disassembled, inspected, and rebuilt with new parts as needed to insure top flight performance. When ordering by mail, send "Outright" price, then return your old carburetor within 10 days for cash refund of trade-in allowance. Old carburetors must be same style, with all parts complete, to merit trade-in allowance. Aver. wt. 8 lbs.

For ALLIS CHALMERS

Fits Model and Year	Make Carb.	New or Rebuilt	Stk. No.	Out-right	Trade Allow.	EXCH. PRICE
WC, WF, 1933-37	Zenith	NEW	C-610	\$18.20	—	—
		Rebuilt	C-710	14.50	\$5.00	\$9.50
WC, WF, 1938-45	Zenith	NEW	C-611	13.70	—	—
		Rebuilt	C-711	11.50	4.00	7.50
WC, WD, 1946-51	Marv. Schebler	NEW	C-654	14.25	—	—
		Rebuilt	C-754	12.50	4.00	8.50
B, RC, C, 1939-43	Zenith	NEW	C-613	13.70	—	—
		Rebuilt	C-713	11.95	4.00	7.95
C, B, RC, 1944-51	Marv. Schebler	NEW	C-655	13.50	—	—
		Rebuilt	C-755	11.95	4.00	7.95

For J. I. CASE

C, CC, 1935-39	Zenith	NEW	C-620	\$19.30	—	—
		Rebuilt	C-720	14.75	\$5.00	\$9.75
D, DC, CC, 1940-51	Zenith	NEW	C-621	20.05	—	—
		Rebuilt	C-721	14.95	5.00	9.95
V, VA, VC, VAC	Marv. Schebler	NEW	C-656	14.25	—	—
		Rebuilt	C-756	12.50	4.00	8.50
R, RC, 1935-41	Zenith	NEW	C-624	15.45	—	—
		Rebuilt	C-724	12.75	4.00	8.75
S, SC, 1940-51	Zenith	NEW	C-623	14.55	—	—
		Rebuilt	C-723	12.50	4.00	8.50
L, LA, 1939-51	Zenith	NEW	C-622	38.80	—	—
		Rebuilt	C-722	27.50	10.00	17.50

For COCKSHUTT

30; Co-op E-3	Marv. Schebler	NEW	C-660	\$14.40	—	—
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For MASSEY-HARRIS

44. 4-Cyl.	Zenith	NEW	C-627	\$20.50	—	—
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For JOHN DEERE

Fits Model and Year	Make Carb.	New or Rebuilt	Stk. No.	Out-right	Trade Allow.	EXCH. PRICE
"B" series, 1939-51 Distillate	Marv. Schebler	NEW	C-652	\$18.95	—	—
		Rebuilt	C-752	14.95	\$5.00	\$9.95
"B" series, 1948-51, Gas	Marv. Schebler	NEW	C-661	19.95	—	—
"A" series, 1939-51 Distillate	Marv. Schebler	NEW	C-651	19.95	—	—
		Rebuilt	C-751	14.95	5.00	9.95
"A" series, 1948-51, Gas	Marv. Schebler	NEW	C-665	20.50	—	—
"D" series, 1936-48	Marv. Schebler	NEW	C-653	18.95	—	—
		Rebuilt	C-753	15.95	5.00	10.95

For FORD

All 1939-51 9N, 2N, 8N	Marv. Schebler	NEW	C-650	\$14.25	—	—
		Rebuilt	C-750	11.95	\$5.00	\$6.95

For IHC, FARMALL, McCormick Deering

F-20, All 1931-39	Zenith	NEW	C-600	\$35.15	—	—
		Rebuilt	C-700	25.50	\$10.00	\$15.50
F-30, W-30, 1931-38	Zenith	NEW	C-601	35.15	—	—
		Rebuilt	C-701	25.95	10.00	15.95
A, B, Combines 22, 123, 1939-47	Zenith	NEW	C-602	14.55	—	—
		Rebuilt	C-702	12.50	4.00	8.50

For MINNEAPOLIS MOLINE

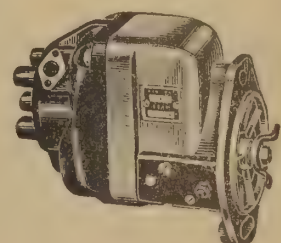
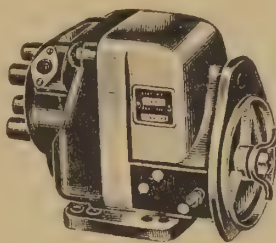
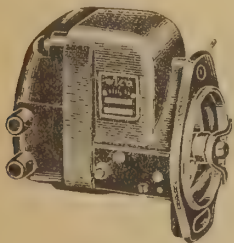
U, UTU, 1939 and up	Marv. Schebler	NEW	C-657	\$20.95	—	—
		Rebuilt	C-757	17.95	\$5.00	\$12.95

For OLIVER

60, 66, 77, All Gasoline	Marv. Schebler	NEW	C-633	\$14.95	—	—
70, 70HC, 1935-37	Zenith	NEW	C-631	\$20.15	—	—
		Rebuilt	C-731	15.95	\$5.00	\$10.95
70, 70HC, 1938-44	Zenith	NEW	C-632	14.55	—	—
		Rebuilt	C-732	12.50	4.00	8.50
70, 1945-47	Marv. Schebler	NEW	C-658	14.25	—	—
		Rebuilt	C-758	12.25	4.00	8.25
80, 80HC, 1938-48	Marv. Schebler	NEW	C-659	24.95	—	—
		Rebuilt	C-759	21.95	5.00	16.95
88, Gasoline	Marv. Schebler	NEW	C-663	18.95	—	—
99, All	Marv. Schebler	NEW	C-664	24.95	—	—

For WISCONSIN ENGINES

VE-4, VF-4	Zenith	NEW	C-635	\$12.95	—	—
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Precision BATTERY DISTRIBUTORS

MORE PEP & POWER—AT LESS COST

Precision Battery Distributors increase power . . . improve performance . . . afford greater gasoline economy. Each designed to operate perfectly in your make and model of tractor. Bring in your old magneto and receive \$5.00 allowance. Pay as low as \$22.50 and get "new" tractor performance!

"WICO" DISTRIBUTORS

JOHN DEERE A, H, All; B, 1941-51	
Flange mounted type, as installed on factory equipped Deere tractors.	
Stk. No. M-299—Ship. Wt. 4 1/2 lbs.	Ea. \$26.50

FOR OLIVER "70"	
Flange mounted type for Oliver 70.	
Stk. No. M-298—Ship. Wt. 4 1/2 lbs.	Ea. \$28.95

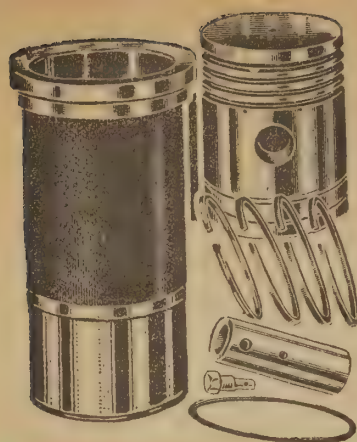
Flange Mounted DISTRIBUTOR

IHC TRACTORS: Models A, AV, B, C, BN, H, HV, MV, W-4, O-4, I-4, W-6, ALLIS CHALMERS: WF, B, C, WC, WD, WG, RC, W, UC, U, UM, M, CE, WM, Late VC, R.
MASSEY HARRIS: Challenger, Pace-maker.
MINN. MOLINE: GTB, UTU, UTS, UTA, ZT, RT.
J. I. CASE: V, D, after 1940, S after 1942. TRADE-IN ALLOWANCE \$5.00.
Stk. No. M-300—Wt. 4 1/2 lbs. \$27.50
Outright Sale Price. . . . \$27.50
BREAKER CONTACT SET for M-299 & M-300 Stk. No. M-50—Set \$1.50
CONDENSER KIT for M-299 & M-300 Stk. No. M-51—Set \$1.45

Base Mounted DISTRIBUTOR

Replaces all IHC F-4 Magnets.
TRADE-IN ALLOWANCE \$5.00.
Stk. No. M-302—Wt. 4 1/2 lbs.
Outright Sale Price. . . . \$31.50
Replaces all E4A or Dixie Magnets.
TRADE-IN ALLOWANCE \$5.00.
Stk. No. M-301—Wt. 4 1/2 lbs.
Outright Sale Price. . . . \$28.50

Save More On All Farm Needs!



Precision SLEEVE & PISTON SETS

Low
As **\$22⁵⁰**

SAVE ON SLEEVE SETS

SAVE UP TO 40% when you install a Precision SLEEVE & PISTON Set in your tractor. Because of our huge volume in Sleeve Sets and other Precision Parts, we can buy for less—then we pass the savings back to you. This means that you can save up to 40c from every dollar of the usual Dealer's List Price!

SAVE FUEL & OIL. Worn sleeves and pistons waste fuel and oil. At the first signs of excessive fuel and oil consumption, or sluggish operation, install a Precision Sleeve Set. You will not only save on the initial cost, but you will continue to save through efficient, economical tractor operation.

HIGHEST QUALITY GUARANTEED. Precision Sleeve Sets are fully guaranteed to be equal to, or better than any sleeve set you can put in your tractor—at any price! Only the finest, most costly materials are used. Skilled, experienced workmanship, using the most modern methods go into producing a Precision Sleeve Set.

SLEEVES are made of chrome nickel iron, that combines hardness for long wear with the properties that permit a mirror-smooth finish on all wearing surfaces. Vertical casting provides the uniform structure so desirable for upper cylinder lubrication. And it insures uniform hardness all around—completely free of "spots." All wearing surfaces are ground, finished and honed for smoothness and to conform with specified tolerances. Sleeves will fit snugly in block, thus assuring maximum compression.

PISTONS are fully machined, with standard size, hardened piston pins, and concentric, high-tension, coated piston rings with wide-groove oil control slots.

MATCHED SETS—Precision Sleeves & Pistons are sold only in Matched Sets! We know from long experience that only by having the sleeve and piston "expansion fitted" at the factory can full compression power be assured. Heat expansion caused by operation is allowed for at this fitting.

CHOICE OF PISTON TYPES

The design of many motors permits the use of raised head (high compression) pistons. A small increase in the piston height makes a big difference in the compression ratio. For many models you will find Standard, 5000' and 8000' altitudes listed.

5000' TYPES average about 15% increase in compression ratio.

8000' TYPES average about 25% increase in compression ratio.

EACH SLEEVE & PISTON SET COMPLETE—Each Sleeve Set is complete with the correct Sleeves, Pistons, Piston Rings and Piston Pins for all cylinders of your tractor. Rubber Packing Rings also included (except on Wallis and Twin City).

Item	Description	STK. NO.	PRICE
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For ALLIS CHALMERS

C, RC, Combine 60H, 3 3/8" bore. Also B to increase to 3 3/8"	Wt. 28 lbs.
SLEEVE SET —Flat head 5.7 to 1 pistons, 5000' H-C for gasoline.....	S-59 \$27.50
OVERHAUL SET —Above sleeves, valve set, gaskets, plugs, rod brgs.	SX-59 43.95

W, WC, WD, WF, W-25, 1933-51, 4" bore. Wt. 45 lbs.
(Specify serial number when ordering Overhaul Sets)

SLEEVE SET —Concave head 4.2 to 1 pistons for distillate.....	S-55 \$33.50
OVERHAUL SET —Above sleeves, valve set, gaskets, plugs, rod brgs.	SX-55 51.95
SLEEVE SET —Flat Head iron pistons, 5000' H-C type for gasoline....	S-57 33.95
OVERHAUL SET —Above sleeves, valve set, gaskets, plugs, rod brgs.	SX-57 52.40
SLEEVE SET —8000' H-C aluminum alloy pistons for prem. gas.....	S-56 36.50
OVERHAUL SET —Above sleeves, valve set, gaskets, plugs, rod brgs.	SX-56 54.95

U, UC, M, U-40, 1936-48, 4 1/2" bore.	Wt. 60 lbs.
SLEEVE SET —5 ring concave head 4.7 to 1 ratio pistons, all fuels...	S-53 \$48.50

For FORD, All 1939-51

SLEEVE SET —Set contains 4 thin wall original type sleeves, fitted with new aluminum alloy 4 ring pistons, pins, rings, etc.	Wt. 12 lbs. S-110 \$22.50
OVERHAUL SET —Fits 1939 thru early 1949. Sleeve set, valve set, gaskets, plugs, rod brgs. (With flared stem valves, 2-pc. guides)..	SX-110 34.95
OVERHAUL SET —Fits late 1949 and up. Sleeve set, valve set, gaskets, plugs, rod brgs. (With straight stem valves, 1-pc. guides)....	SX-111 34.95

For FERGUSON TE-20, TO-20, 1948-51

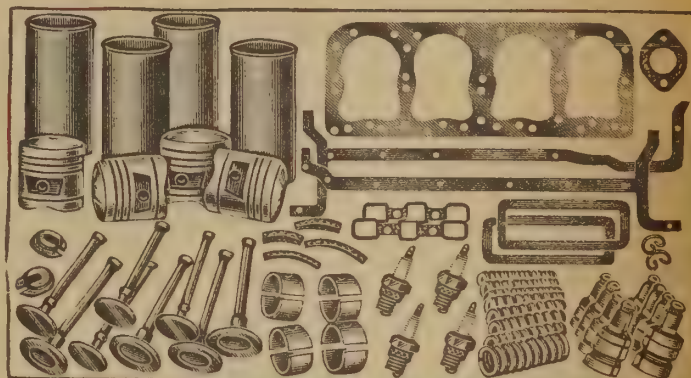
SLEEVE SET —For Continental Z-120 Motor, 3-3/16" bore.....	Wt. 25 lbs. S-105 \$34.95
OVERHAUL SET	
To Serial No. 102637—Sleeve set, valve set, gaskets, plugs, rod brgs.	SX-105 48.95
After No. 102637—Sleeve set, valve set, gaskets, plugs, rod brgs.	SX-106 48.95

For MINNEAPOLIS MOLINE, Twin City 17-28

SLEEVE SET —4 ring flat head 4 1/4" pistons for all fuels. Wt. 62 lbs.	S-31 \$41.95
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Precision SLEEVE & With SLEEVES PISTONS

Complete ENGINE With SLEEVES • PISTONS VALVES • VALVE PARTS • SPARK



Complete ENGINE OVERHAUL SETS

When your tractor is in need of Sleeves and Pistons, it is usually to your advantage to give it a complete Engine Overhaul. Tractor Supply makes it possible for you to do this—at extra Savings! Each Engine Overhaul Set contains the Sleeve Set of your choice, Standard or high compression pistons, complete Motor Gasket Set, complete Superchrome Valve Set with valves, guides, springs and keys, new Spark Plugs in correct heat range, and Rod Bearings, standard or undersize (where stated in individual listing of tractors by make and model). Don't Pass up this extra Savings!

Compute Ship. Wts. of Engine Overhaul Sets by adding 10 lbs. to weight of Sleeve Set alone.

Item	Description	STK. NO.	PRICE
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For MASSEY HARRIS (Wallis)

12, 12-20 Certified, Chall., Pacemaker, Twin Power, 3 3/8" bore.	Wt. 50 lbs.
SLEEVE SET —Bevel head pistons, 2 1/2" comp. distance for gas.....	S-42 \$44.50

20-30, Certified to #69000; K. OK, 4 3/8" bore.	Wt. 55 lbs.
SLEEVE SET —Standard compression 4 ring pistons for all fuels.....	S-41 \$54.95

44 (Cont. H-260), 3 7/8" bore.	Wt. 40 lbs.
SLEEVE SET —With 5000' H-C flat head piston for gasoline.....	S-47 \$46.95

55 (Cont. J-382), 4 1/2" bore.	Wt. 62 lbs.
SLEEVE SET —With 5000' H-C flat head pistons for gasoline.....	S-46 62.95

For OLIVER (also Waukesha Motors)

60, 60-HC, Row Crop, Standard, 3 1/8" bore.	Wt. 30 lbs.
SLEEVE SET —5000' H-C flat head pistons for gasoline.....	S-95 \$29.95

70, 70-HC, 6 Cylinder Row Crop, 3 1/8" bore.	Wt. 40 lbs.
SLEEVE SET —5000' H-C late type pistons for gasoline (also 70KD)...	S-91 \$44.95
OVERHAUL SET —1939 up, sleeves, valve set, gaskets, rod brgs., plugs	SX-91 72.95

18-27, 18-28, Standard, Row Crop, 4 1/8". (Waukesha VIS).	Wt. 73 lbs.
SLEEVE SET —Standard compression pistons for all fuels.....	S-93 \$44.50

80-HC, 18-28, 4 1/4" bore. (Waukesha VIM).	Wt. 67 lbs.
SLEEVE SET —Flat Head pistons for gasoline.....	S-94 \$48.50

80KD, 4 1/2" bore. (Waukesha VIK).	Wt. 62 lbs.
SLEEVE SET —Concave head 4 1/2" pistons for distillate.....	S-96 \$49.95
SLEEVE SET —Flat head pistons for converting to gasoline.....	S-97 49.95

A, 28-44, 90, 99, 4 3/4" bore.	Wt. 83 lbs.
SLEEVE SET —Standard compression pistons for all fuels.....	S-92 \$48.50

66-HC, 3 1/8" bore.	Wt. 30 lbs.
SLEEVE SET —With 5000' H-C flat head pistons for gasoline.....	S-86 \$52.25

77-HC, 3 1/8" bore.	Wt. 45 lbs.
SLEEVE SET —With 5000' H-C flat head pistons for gasoline.....	S-87 \$77.50

88-HC, 3 1/2" bore.	Wt. 50 lbs.
SLEEVE SET —With 5000' H-C flat head pistons for gasoline.....	S-88 \$82.50

For COCKSHUTT 30 (Buda 4B153)

Co-Op E3, Gamble 30, 3 1/8" bore.	Wt. 40 lbs.
SLEEVE SET —With 4 ring pistons, factory duplicates.....	S-33 \$39.50

PISTON SETS

• PISTON PINS • RINGS

OVERHAUL SETS

• PISTON PINS • RINGS

PLUGS • GASKET SET • *ROD BEARINGS

*Rod Bearings are included in Engine Overhaul Sets only where stated in tractor listing by Make & Model.

For IHC McCormick-Deering FARMALL

Item	Description	STK.NO.	PRICE
Farmall Regular, F-20, Combines, 3 3/4" bore. Wt. 52 lbs.			
SLEEVE SET—Standard compression pistons for distillate.....	S-1	\$32.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-1	48.75	
OVERHAUL SET—same as SX-1 above but complete with rod bearings	SX-1A	61.75	
SLEEVE SET—5000' H-C pistons for gasoline.....	S-2	33.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-2	49.30	
OVERHAUL SET—same as SX-2 above but complete with rod bearings	SX-2A	62.30	
SLEEVE SET—8000' H-C pistons for premium gas.....	S-3	33.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-3	49.75	
OVERHAUL SET—same as SX-3 above but complete with rod bearings	SX-3A	62.75	

10-20, Farmall F-30, W-30, 1923-39, 4 1/4" bore. Wt. 67 lbs.			
(Specify exact model when ordering Overhaul Sets)			
SLEEVE SET—Standard compression pistons for distillate.....	S-5	\$38.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-5	57.75	
OVERHAUL SET—same as SX-5 above but complete with rod bearings	SX-5A	72.75	
SLEEVE SET—5000' H-C pistons for gasoline.....	S-6	39.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-6	59.20	
OVERHAUL SET—same as SX-6 above but complete with rod bearings	SX-6A	74.20	
SLEEVE SET—8000' H-C pistons for premium gas.....	S-4	41.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-4	60.75	
OVERHAUL SET—same as SX-4 above but complete with rod bearings	SX-4A	75.75	

15-30, All 1921-28. Wt. 85 lbs.			
SLEEVE SET—4 1/2" flat head pistons for distillate.....	S-20	\$43.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-20	63.95	
OVERHAUL SET—same as SX-20 above but complete with rod brgs....	SX-20A	81.25	
SLEEVE SET—4 1/2" raised head pistons, 5000' H-C for gasoline.....	S-21	44.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-21	64.95	
OVERHAUL SET—same as SX-21 above but complete with rod brgs....	SX-21A	82.75	
SLEEVE SET—4 3/4" Increase power pistons for distillate.....	S-22	46.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-22	66.50	
OVERHAUL SET—same as SX-22 above but complete with rod brgs....	SX-22A	83.80	
SLEEVE SET—4 3/4" Increase power pistons, 5000' H-C for gasoline.....	S-26	47.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-26	67.95	
OVERHAUL SET—same as SX-26 above but complete with rod brgs....	SX-26A	85.25	

For 22-36, 1929-35, 4 3/4" bore. Wt. 85 lbs.			
SLEEVE SET—Standard compression pistons for distillate.....	S-23	\$43.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-23	64.95	
SLEEVE SET—5000' H-C pistons for gasoline.....	S-24	46.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-24	67.95	
SLEEVE SET—8000' super H-C pistons for premium gas.....	S-25	47.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, no rod brgs.	SX-25	68.50	

W-40, WK-40, WA40, T40, 3 3/4" 6 Cyl. Wt. 53 lbs.			
SLEEVE SET—Bevel Head 5000' H-C pistons for gasoline. Set of 6.....	S-27	\$59.95	

F-12, W-12, F-14, 1933-39, 3" bore. Wt. 27 lbs.			
(Specify year and serial number when ordering Overhaul Sets)			
SLEEVE SET—Standard compression pistons for distillate.....	S-7	\$25.75	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-7	43.60	
SLEEVE SET—5000' H-C pistons for gasoline.....	S-9	26.75	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-9	44.60	
SLEEVE SET—8000' H-C pistons for premium gas. (Not for F-14).....	S-10	27.75	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-10	45.60	

*Farmall H, W-4, I-4, Power Unit U-4, 3 3/8" bore. Wt. 27 lbs.			
SLEEVE SET—Flat Head pistons for gasoline.....	S-61	\$30.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-61	47.95	
SLEEVE SET—8000' H-C stepped pistons for prem. gas (not HC head).....	S-64	32.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-64	49.95	

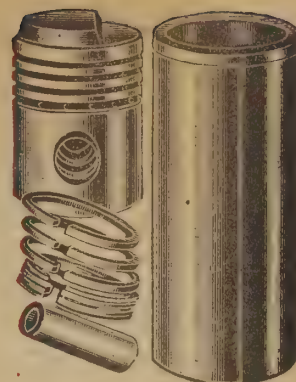
*Farmall M, W-6, T-6, Power Unit U-6, 3 3/8" bore. Wt. 42 lbs.			
SLEEVE SET—Flat Head pistons for gasoline.....	S-62	\$35.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-62	55.95	
SLEEVE SET—8000' H-C stepped pistons for prem. gas (not HC head).....	S-63	37.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-63	57.95	

*On Farmalls H and M there are three types of cylinder head used—the high compression gasoline, the combination gasoline-distillate, and the low compression kerosene. Valve length varies with the type of head. When ordering an Overhaul Set for H or M, specify type of head on your engine, if known, or exact length of valves required, to nearest 1/32".

Precision ENGINE OVERHAUL SETS

Low
As

\$34⁹⁵



Item	Description	STK.NO.	PRICE
Farmall A, AV, B, C, Power Unit U-2, 3" bore. Wt. 27 lbs.			
SLEEVE SET—Flat Head pistons for gasoline.....	S-60	\$25.75	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs.	SX-60	42.25	
SLEEVE SET—8000' H-C stepped head pistons for prem. gas.....	S-65	26.75	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-65	43.25	

Diesel MD, WD6, TD6, UD6, 3 3/8" bore. Wt. 50 lbs.			
SLEEVE SET—Alloy pistons for Diesel engines.....	S-67	\$67.50	

Diesel WD-9, OD-9, TD-9, UD-9, 4.4" bore. Wt. 50 lbs.			
SLEEVE SET—Alloy pistons for Diesel engines.....	S-68	\$73.50	

W-9, I-9, T-9, Power Unit U-9, 4.4" bore. Wt. 60 lbs.			
SLEEVE SET—Flat Head pistons for gasoline.....	S-66	\$52.50	
OVERHAUL SET—Sleeve set, valve set, gaskets, plugs, rod brgs....	SX-66	89.50	
SLEEVE SET—8000' H-C pistons for premium gas (not H-C head)....	S-69	62.50	
OVERHAUL SET—8000' Sleeve set, valve set, gaskets, plugs, rod brgs.	SX-69	99.50	

For J. I. CASE

V Series, 1939-42. (Continental F-124) 3" bore. Wt. 20 lbs.			
SLEEVE SET—Flat head 5000' H-C pistons for gasoline.....	S-18	\$29.50	
OVERHAUL SET—Sleeve set, valve set, gaskets, plugs, rod bearings	SX-18	47.75	

VA Series, 1942-51, 3 1/4" bore. Wt. 25 lbs.			
SLEEVE SET—5000' H-C pistons for gasoline.....	S-70	\$29.50	
OVERHAUL SET—Sleeve set, valve set, gaskets, plugs, rod bearings	SX-70	50.95	

R, RC Series, Combines C, K, 1935-42, 3 1/4" bore. Wt. 22 lbs.			
SLEEVE SET—5000' H-C pistons for gasoline (fits sleeved motors)....	S-19	\$31.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-19	52.50	

S, SC Series, Combine V, 3 1/2" bore. Wt. 35 lbs.			
SLEEVE SET—5000' H-C pistons for gasoline.....	S-17	\$32.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs, rod brgs....	SX-17	51.60	

C, CC, D, DC Series, Combine P, 3 3/8" bore. Wt. 44 lbs.			
SLEEVE SET—4 ring flat head standard comp. pistons for distillate....	S-12	\$37.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs.....	SX-12	55.75	
SLEEVE SET—4 ring raised head pistons, 5000' H-C for gasoline Not for late D, DC with high compression type head....	S-15	\$38.95	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs.....	SX-15	57.20	

L, LA Series, 26-40, 4 1/8" bore. Wt. 73 lbs.			
SLEEVE SET—Standard compression pistons for distillate.....	S-13	\$48.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs.....	SX-13	68.50	
SLEEVE SET—5000' H-C raised head pistons for gasoline.....	S-16	49.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs.....	SX-16	69.50	
SLEEVE SET—8000' H-C raised head pistons for gasoline.....	S-30	53.50	
OVERHAUL SET—Above sleeves, valve set, gaskets, plugs.....	SX-30	73.50	

Ball Bearing SLEEVE PULLER



Heavy duty puller to remove the tightest sleeves. With large ball-type thrust bearing for easy turning of worm screw. Made of hardened steel, rust proof finish. Disc fits under bottom of sleeve for full 360° pull. NOT FOR FORD TRACTORS. PULLER COMPLETE WITH 1 DISC (any size). Specify size disc wanted from listing below. Stk.No. 20A91—**\$15.95**
Ship. Wt. 30 lbs.
PULLER COMPLETE WITH 6 DISCS (all sizes listed below) Stk.No. 20A90—Ship.Wt. 35 lbs. **\$18.50**

3 1/4" SIZE DISC Fits Farmall F-12, F-14, A, B, C and others with 3" bore. Stk.No. 20A92. Ea. 30c

3 1/2" SIZE DISC Fits Farmall H, W-4 and others with 3 1/4" to 3 3/8" bore. Stk.No. 20A93. Ea. 40c

4 1/8" SIZE DISC Fits Farmall Reg., F-20, M; CASE C, CC, D, DC and most other tractors with 3 3/4" to 3 7/8" bore. Stk.No. 20A94. Ea. 50c

4 3/8" SIZE DISC Fits Allis Chalmers WC, WD and others with 4" to 4 1/8" bore. Stk.No. 20A95. Ea. 60c

4 1/2" SIZE DISC Fits IHC 10-20, F-30, W-9 and others with 4 1/4" to 4 3/4" bore. Stk.No. 20A96. Ea. 80c

5" SIZE DISC Fits IHC 15-30, 22-36; CASE L, LA; OLIVER 80KD and others with 4 1/2" to 4 3/4" bore. Stk. No. 20A97. Ea. \$1.00

Save More! Install a Complete Engine Overhaul Set!

Precision

FILTER

for tractors



Clean Oil Means Lower Maintenance Costs

**Precision Cartridges
for
Many Popular Tractors**

**Usual
List Price**

\$1.25

Each

LOW AS

65^c

Each

In Case Lots

Precision Cartridges for All Tractors Listed By Tractor And Filter Make & Model

For IHC McCORMICK DEERING

Check models listed to be sure of getting the right size cartridge for your tractor.

For PUROLATOR P-15—Fits:

Farmall Regular, F-20, F-30, F-12, F-14, W-12
ALL 1924-39 models.
IHC McCormick 10-20, W-30, T-20 ALL 1924-39.
Farmall "M", W-6 late 1942 and after, serial
numbers above FBKM-59394.
Farmall "H", W-4, 1939 to 1942, with serial
numbers before FBKH-121022.
Farmall A and B, 1939-42, with serial numbers
before 96389.
Replaces IHC nos. 63858D, 46635DA, 25677DA.

EACH, 75^c

SOCK Type	In Carton	Ea.	6 for	
Stk.No.L-201	of 6	69 ^c	for	\$4.14
CAN Type	In Case	Ea.	24 for	
Stk.No.L-101	of 24	65 ^c	for	\$15.60

For PUROLATOR P-20—Fits:

All McCormick Deering 15-30, 22-36.
Farmall "M" 1939-42, before ser. no. 59393.
WD-6, W-9, WD-9, T-6, TD-6, U-9, T-14, TD-14,
U-14, PU-300 1939-42. MD Part No. 63884D.

EACH, 98^c

SOCK Type	In Carton	Ea.	6 for	
Stk.No.L-202	of 6	92 ^c	for	\$5.52
CAN Type	In Case	Ea.	24 for	
Stk.No.L-102	of 24	87 ^c	for	\$20.88

For PUROLATOR P-109—Fits:

Farmall A, AN, B, BN, C, All late 1942 and
after, ser. nos. 96389 and up.
Farmall "H", late 1942 and after, serial
nos. FBH 121022 and up.
W-4, I-4, O-4, U-4, all 1942 and after.

EACH, 75^c

SOCK Type	In Carton	Ea.	6 for	
Stk.No.L-203	of 6	69 ^c	for	\$4.14
CAN Type	In Case	Ea.	24 for	
Stk.No.L-103	of 24	65 ^c	for	\$15.60

For FARMALL CUB, Late Type, repl. IHC 251404-R91.

SOCK Type, Stk. No. L-219.....Each, **54^c**
In case of 6, Ea. 49^c—6 for \$2.94
In case of 24, Ea. 45^c—24 for \$10.80

For JOHN DEERE

For PUROLATOR T-12— **Each, 79^c**

Fits All Deere A, B, D, G, 1940 and up; also earlier models if equipped with Deere conversion kit, Repl. Deere AA-2092R, AA2093R.	In carton	Ea.	6 for	
	of 6	73 ^c	for	\$4.38
SOCK Type, Stk. No. L-204	In case	Ea.	24 for	
CAN Type, Stk. No. L-104	of 24	69 ^c	for	\$16.56

For PUROLATOR T-6 — Fits Deere H.
Repl. Deere AH-783R, AH-784R. SOCK Type, Stk. No. L-205.....Each, **79^c**
In Carton of 6, Ea. 73^c—6 for \$4.38 — In case of 24, Ea. 69^c—24 for \$16.56

PRECISION Oil Filter Cartridges are used by tens of thousands of tractor operators each year. Started as a new line 10 years ago, the superiority of Precision cartridges has built up a quality reputation which has spread as one farmer tells another.

PRECISION Cartridges are exact and precise in fit, and are warranted to deliver all of the filtering action possible in the space provided in each filter make and model. Finest materials are used throughout, and the famous Precision "Spin-Wrap" construction principle gives you that extra plus to keep your oil clean and abrasive-free longer.

TRY THIS MONEY-BACK GUARANTEE—Order a carton of 6, or a case of 24 for greatest economy, and try one Precision cartridge in your tractor now. Use it through its useful life, and if you aren't sold on Precision's superiority we will refund your entire purchase price of the carton on return of the remaining unused cartridges.



There is a Precision cartridge for your tractor. Check the listing below for makes and models, or if you know the exact filter your tractor takes, you can order from the Filter table at the right.

Precision cartridges fit—no altering or adjusting in your filter case for installing. Join the tens of thousands of tractor owners who say they prefer "Precision" quality to protect the vital oil supply in their tractor.



Following Cartridges Are All Can Type

Tractor Model	(Filter Make)	STK. NO.	Each	In Carton of 6 Ea./6 for	In Case of 24 Ea./24 for
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For FORD TRACTORS

All Models, 9N, 2N, 8N (Fram F-3, C-3)....	L-106	.79	.73/4.38	.69/16.56
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For ALLIS CHALMERS

WC, WD, B, C, RC, late UC (204912)....	L-117	.69	.65/3.90	.62/14.88
U, UC, 1933-44 (Purolator P-15).....	L-101	.75	.69/4.14	.65/15.60
HD-7, HD-10, HD-14, (Purolator P-20)....	L-102	.98	.92/5.52	.87/20.88

For J. I. CASE

D, DC, DO 1941-47 (Purolator N-16).....	L-115	.89	.83/4.98	.79/18.96
D, DC, S, SC 1948 up (Purolator P-70)....	L-129	.79	.73/4.38	.69/16.56
L, LA, LAI 1948 up (Purolator P-90).....	L-128	1.05	.98/5.88	.93/22.32
VA, VAC, VAI, VAO (Michiana).....	L-126	.65	.60/3.60	.57/13.68

For CATERPILLAR

All models using 4A332, 6B-907, 8B-5755....	L-131	.98	.92/5.52	.87/20.88
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For Cockshutt 30, Co-Op E-3, Farmcrest

All models with Kralinor Filter.....	L-123	.95	.89/5.34	.85/20.40
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For FERGUSON

All 1948 & up (Michiana) TO-20.....	L-125	.95	.89/5.34	.85/20.40
All TO-30	L-106	.79	.73/4.38	.69/16.56

For MASSEY HARRIS

Early models using Purolator N-15.....	L-114	.79	.73/4.38	.69/16.56
81, 82G, 101 Jr., 102 Jr. (Puro. P-15)....	L-114	.79	.73/4.38	.69/16.56
20, 20K, 30, 30K (Purolator P-70).....	L-129	.79	.73/4.38	.69/16.56
44, 44K, 44-6, 55, 55K (Puro. P-90).....	L-128	1.05	.98/5.88	.93/22.32
21, 21A Combines (Purolator P-70).....	L-129	.79	.73/4.38	.69/16.56

For MINNEAPOLIS MOLINE

Z, ZTU, ZTS, R, RTU, RTS, KU, KEA engines (Michiana SA-5453).....	L-130	.98	.92/5.52	.87/20.88
Other models using Michiana SA-6553, KE5905	L-124	1.05	.98/5.88	.93/22.32

For OLIVER

70, 70HC, 70KD (Michiana SA18417).....	L-118	.75	.69/4.14	.65/15.60
80, (Michiana SA-5453).....	L-130	.98	.92/5.52	.87/20.88
90, 99, 28-44 (Michiana SA-15117).....	L-136	.98	.92/5.52	.87/20.88
60, 66, (Mfrs. No. L5507).....	L-137	.79	.73/4.38	.69/16.56
77 (Mfrs. No. M5507).....	L-138	1.49	1.41/8.46	1.36/32.64
88 (Mfrs. No. K5507).....	L-139	1.65	1.56/9.36	1.50/36.00

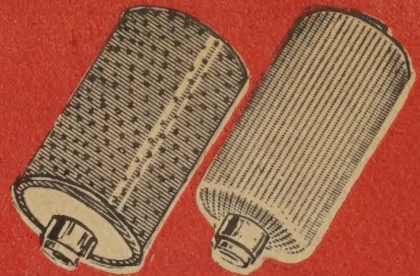
Precision Cartridges Keep Oil Clean . . . Longer

CARTRIDGES

for cars



for trucks



Precision Cartridges Keep Oil Clean Longer

Precision Exclusive SPIN WRAP Construction

Precision Cartridges are constructed in a far superior manner—a Precision exclusive that gives you extra filtering life in every cartridge. Highest grade refined cotton material is actually spun around the rigid center support tube into a tightly compressed unit to prevent channeling. Ordinary waste stuffed cartridges and paper types develop channels in the weak spots after a certain amount of filtering action. Your Precision Cartridge retains its original filtering action far longer.

Precision Cartridges for

FORD Cars and Trucks

Usual \$1.55
List Price Each

LOW AS

85¢ Each
In Case Lots

Precision Cartridges for All Filters Listed by Filter Make & Model

Precision Cartridge for Filter Make and Model		Type	STK. NO.	Ea.	In Carton of 6 Ea./6 for	In Carton of 24 Ea./24 for
A-C	C-11, C-112	Can.	L-109	.89	.83/4.98	.79/18.96
"	C-25, C-117	Can.	L-127	1.25	1.17/7.02	1.10/26.40
"	C-115, S-6	Can.	L-132	.95	.89/5.34	.85/20.40
Briggs	G-3	Can.	L-121	1.15	1.05/6.30	.98/23.52
De Luxe	JC	Sock.	L-213	1.05	.98/5.88	.93/22.32
"	CS, CU	Sock.	L-212	1.05	.98/5.88	.93/22.32
Fram	F-3, C-3	Can.	L-106	.79	.73/4.38	.69/16.56
"	F-4, C4-P2	Can.	L-107	.95	.89/5.34	.85/20.40
"	F-21	Can.	L-132	.95	.89/5.34	.85/20.40
"	F-30, C30, C30P2	Can.	L-116	1.19	1.11/6.66	1.05/25.20
"	C-31	Can.	L-127	1.25	1.17/7.02	1.10/26.40
"	C-40	Can.	L-120	2.39	2.20/13.20	2.10/50.40
Luberfiner	200-S	Can.	L-133	2.15	1.98/11.88	1.89/45.36
"	300-S	Can.	L-134	2.75	2.55/15.30	2.40/57.60
Michiana	SA-5453, 6463	Can.	L-130	.98	.92/5.52	.87/20.88
"	SA-6553	Can.	L-124	1.05	.98/5.88	.93/22.32
"	SA-15117	Can.	L-136	.98	.92/5.52	.87/20.88
"	SA152175, 15277	Can.	L-125	.95	.89/5.34	.85/20.40

Precision Cartridge for Filter Make and Model		Type	STK. NO.	Ea.	In Carton of 6 Ea./6 for	In Carton of 24 Ea./24 for
Michiana	SA-18417	Can.	L-118	.75	.69/4.14	.65/15.60
"	SA-18717	Can.	L-117	.69	.65/3.90	.62/14.88
Military	Junior	Can.	L-132	.95	.89/5.34	.85/20.40
"	Senior	Can.	L-127	1.25	1.17/7.02	1.10/26.40
Precision	19A100	Can.	19A101	1.75	1.65/9.90	1.59/38.16
Purolator	N-15	Can.	L-114	.79	.73/4.38	.69/16.56
"	N-16	Can.	L-115	.89	.83/4.98	.79/18.96
"	N-50	Can.	L-127	1.25	1.17/7.02	1.10/26.40
"	N-51, P-51	Can.	L-132	.95	.89/5.34	.85/20.40
"	P-15	Can.	L-101	.75	.69/4.14	.65/15.60
"	P-15	Sock.	L-201	.75	.69/4.14	.65/15.60
"	P-20	Can.	L-102	.98	.92/5.52	.87/20.88
"	P-20	Sock.	L-202	.98	.92/5.52	.87/20.88
"	P-70	Can.	L-129	.79	.73/4.38	.69/16.56
"	P-90	Can.	L-128	1.05	.98/5.88	.93/22.32
"	P-109	Can.	L-103	.75	.69/4.14	.65/15.60
"	T-6	Sock.	L-205	.79	.73/4.38	.69/16.56
"	T-12	Can.	L-104	.79	.73/4.38	.69/16.56
"	T-12	Sock.	L-204	.79	.73/4.38	.69/16.56

Precision Cartridges for All Cars and Trucks

Listing Also Shows Many Industrial Applications

Make and Model	Using Filter	Type	STK. NO.	Ea.	In Carton of 6 Ea./6 for	In Carton of 24 Ea./24 for
Buda	Engines	Deluxe CS, CU	Sock. L-212	1.05	.98/5.88	.93/22.32
Buick	All Cars	A-C P-127	Can. L-140	.98	.92/5.52	.87/20.88
Cadillac	All Cars	Fram F-4	Can. L-107	.95	.89/5.34	.85/20.40
Chevrolet	Cars, Trks.	Fram F21, ACS-6	Can. L-132	.95	.89/5.34	.85/20.40
"	Trks, Buses	A-C C25, C117	Can. L-127	1.25	1.17/7.02	1.10/26.40
Chrysler	Ind. Eng.	Deluxe JC	Sock. L-213	1.05	.98/5.88	.93/22.32
"	Ind. Eng.	1123387 & 1312602	Can. L-113	1.25	1.17/7.02	1.10/26.40
Continental	Engines	Deluxe JC	Sock. L-213	1.05	.98/5.88	.93/22.32
Diamond T	Trucks	Military Sr.	Can. L-127	1.25	1.17/7.02	1.10/26.40
"	Trucks	Michiana SA6553	Can. L-124	1.05	.98/5.88	.93/22.32
Dodge	Cars, Trks.	Purolator P-90	Can. L-128	1.05	.98/5.88	.93/22.32
"	Cars, Trks.	Purolator P-70	Can. L-129	.79	.73/4.38	.69/16.56
"	Cars, Trks.	Deluxe JC	Sock. L-213	1.05	.98/5.88	.93/22.32
Federal	Trucks	Purolator P-70	Can. L-129	.79	.73/4.38	.69/16.56
"	Trucks	Purolator N-15	Can. L-114	.79	.73/4.38	.69/16.56
"	Trucks	Purolator N-16	Can. L-115	.89	.83/4.98	.79/18.96
"	Trucks	Fram F-4	Can. L-107	.95	.89/5.34	.85/20.40
"	Trucks	Military Sr.	Can. L-127	1.25	1.17/7.02	1.10/26.40
Ford	Cars, Trks.	Fram F4, C4, C4P2	Can. L-107	.95	.89/5.34	.85/20.40
"	V8 Trucks	Fram F-30, C-30	Can. L-116	1.19	1.11/6.66	1.05/25.20
G M C	Trucks	Deluxe CU, CS	Sock. L-212	1.05	.98/5.88	.93/22.32
"	Trucks	Deluxe JC	Sock. L-213	1.05	.98/5.88	.93/22.32
"	Trucks	Military Sr.	Can. L-127	1.25	1.17/7.02	1.10/26.40

Make and Model	Using Filter	Type	STK. NO.	Ea.	In Carton of 6 Ea./6 for	In Carton of 24 Ea./24 for
Gramm	Trucks	Fram C30, C30P2	Can. L-116	1.19	1.11/6.66	1.05/25.20
Internat'l	Trucks	Deluxe JC	Sock. L-213	1.05	.98/5.88	.93/22.32
"	Trucks	Deluxe CU, CS	Sock. L-212	1.05	.98/5.88	.93/22.32
"	Trucks	Mich. SA15117	Can. L-136	.98	.92/5.52	.87/20.88
Kaiser-Fraz	Cars	Purolator P-70	Can. L-129	.79	.73/4.38	.69/16.56
Mack	Trucks	Deluxe CS, CU	Sock. L-212	1.05	.98/5.88	.93/22.32
Olds	All Cars	A-C PF-122	Can. L-141	1.20	1.08/6.48	1.05/25.20
Packard	Cars	Purolator N-15	Can. L-114	.79	.73/4.38	.69/16.56
"	Cars	Purolator P-70	Can. L-129	.79	.73/4.38	.69/16.56
Plymouth	Cars	Purolator N-15	Can. L-114	.79	.73/4.38	.69/16.56
"	Late Mod.	Purolator P709	Can. L-129	.79	.73/4.38	.69/16.56
Reo	Trucks	Fram F4, C4, C4P2	Can. L-107	.95	.89/5.34	.85/20.40
"	Trucks	Fram F-30	Can. L-116	1.19	1.11/6.66	1.05/25.20
"	Trucks	Fram C-40	Can. L-120	2.39	2.20/13.20	2.10/50.40
"	Trucks	Military Sr.	Can. L-127	1.25	1.17/7.02	1.10/26.40
Studebaker	Cars, Trks.	Fram F-4, F4P2	Can. L-107	.95	.89/5.34	.85/20.40
"	Cars, Trks.	Fram F-30	Can. L-116	1.19	1.11/6.66	1.05/25.20
"	Cars, Trks.	Military Sr.	Can. L-127	1.25	1.17/7.02	1.10/26.40
White	Trucks	Deluxe CS, CU	Sock. L-212	1.05	.98/5.88	.93/22.32
Willys	Cars, Trks.	Deluxe JC	Sock. L-213	1.05	.98/5.88	.93/22.32
"	Cars, Trks.	Fram F-4, C-4	Can. L-107	.95	.89/5.34	.85/20.40
"	Cars, Trks.	Purolator P-70	Can. L-129	.79	.73/4.38	.69/16.56
Wisconsin	Engines	Mich. SA18717	Can. L-126	.65	.60/3.60	.57/13.68

Precision Cartridges Keep Oil Clean ... Longer

23

TRACTOR SUPPLY CO.

Farm Stores Serving the Nation

Since the time you received our last Tractor Parts Catalog we have opened two more TRACTOR SUPPLY CO. Farm Stores. This makes a current total of 23 Farm Stores Serving the Most Progressive Farm Communities. We are proud of our record of continuous expansion. But we are well aware that our progress can only be in direct proportion to our ability to serve our customers . . . by offering only High Quality Tractor and Implement Parts and Farm Supplies . . . by always maintaining sensible, money-saving prices . . . and by taking an active interest in making farm operation more profitable by reducing farm maintenance costs and encouraging modern methods. Come to TRACTOR SUPPLY CO. for your farm needs. We are continuously searching for new ways to merit your patronage.

TRACTOR SUPPLY CO. Star ★ Stores Can Give You Faster . . . More Efficient MAIL ORDER Service

Star ★ Stores indicated in our listing are geared to give you a Specialized Mail Order Service. Because of their locations they have a wider selection of Train and Truck Freight Lines to assure the fastest service. And because they are the parent warehouses for their areas, they maintain larger stocks, minimizing delay in order filling. When ordering by mail, always consider the shipping facilities available as the key factor in getting fast service—not necessarily the actual distance in miles involved. Larger order filling departments, greater stocks on hand, and the ability to select the best method of shipment to your locality combine to indicate that it is to your advantage to order from your Nearest TRACTOR SUPPLY CO. Star ★ Store

ILLINOIS

★ CHICAGO—

Jim Calhoun, Mgr.
2682 N. Halsted
Tel.: BUc-1-5900

BLOOMINGTON—

Max DeForest, Mgr.
210 Center St., Tel. 68430

STERLING—

Bob Ridenour, Mgr.
406 Avenue "A", Tel.: 2412

GALESBURG—

John Pugsley, Mgr.
167 E. Waters St. Tel.: 14108

NORTH DAKOTA

★ MINOT—

Milo Page, Mgr.
509 3rd St., N.E., Tel.: 37210

WILLISTON—

Al Copeland, Mgr.
20 Main St., Tel.: 167

KANSAS

★ WICHITA—

Wilmer Wilson, Mgr.
340 N. Water St., Tel.: 55247

SALINA—

Jerry Hoffman, Mgr.
115 So. 5th St., Tel.: 73300

HOW TO ORDER BY MAIL

Please Read Carefully Before Sealing Order Blank

It has always been our policy to ship your order the Same Day Received. When this is not possible, it is often the result of incomplete or incorrect ordering. Please check carefully to see that you have made out your order to comply with these instructions:

1. Fill In Order Blank Completely.

The more information you can give us in regard to Shipping Point and How You Want Your Order Shipped, the faster we will be able to handle it.

2. Total cost of Items ordered—including Sales Tax Where Applicable.

See Sales Tax Information on Order Blank.

3. Total Weights of Items Ordered.

4. Send Order to Star ★ Store Serving Your Area.

PREPAYMENT PLAN—If your order is eligible for our Prepayment Plan, we will ship the most economical way, at our expense.

PARCEL POST—If your shipment can be made up in packages not more than 100 inches in length and girth combined, and weighing not more than 70 lbs., Parcel Post could be your most economical method of shipment. Parcel Post Charges must be prepaid. Parcel Post Insurance is computed at the rate of 5c to \$5.00 and 10c from \$5.01 up.

***PARCEL POST RATES ARE SUBJECT TO CHANGE.** Although the Parcel Post Rates at right are in effect at the printing of this Catalog, check with your local postmaster.

EXPRESS SHIPMENT. Usually the fastest way to ship unmailable merchandise. Suitable for shipping light, bulky or odd shaped merchandise, particularly in the absence of a direct Train or Truck line.

RAIL FREIGHT. Ideal for orders over 70 lbs. when shipment can be made direct, without transfer. **DO NOT** include shipping charges. Give us the name of line and Shipping Point where there is an agent on duty. Shipping charges will be collected there.

TRUCK FREIGHT. If your town is a regular truck stop for a reliable line that also serves our Farm Store area, Truck Freight can be the most desirable method of shipment. It is fast when shipment can be made direct, and less expensive than Parcel Post or Express. Give us the name of the Truck Line and truck stop (Shipping Point).

OHIO

★ LIMA—

Ray Branson, Mgr.
Elm & Union Sts., Tel.: 22021

IOWA

MASON CITY—

Les Ackmann, Mgr.
17 7th St., S.W., Tel.: 1203

SIoux CITY—

George Johnston, Mgr.
711 5th St., Tel.: 58280

FT. DODGE—

John Reinhardt, Mgr.
620 1st Ave. So.
Tel.: Walnut 4573

SOUTH DAKOTA

★ SIOUX FALLS—

Calvin Campbell, Mgr.
6th & Main Sts., Tel.: 27581

NEBRASKA

★ OMAHA—

Bill Beal, Mgr.
4615 S. 26th St.
Tel.: Market 3133

COLUMBUS—

Forrest Walker, Mgr.
2517 11th St., Tel.: 8102

KEARNEY—

John Schack, Mgr.
2008 Avenue "A", Tel.: 32011

WISCONSIN

FOND DU LAC—

Everett DeHarty, Mgr.
14 5th St., Tel.: 8095

MINNESOTA

★ ST. PAUL—

Carl Pietsch, Mgr.
1159 University Ave.
Tel.: Elkhurst 1510

MANKATO—

Ray Heise, Mgr.
127 N. Front St.
Tel.: Mankato 4272

OKLAHOMA

ENID—

Ray McNeely, Mgr.
116 W. Cherokee St., Tel.: 6039

TEXAS

★ FT. WORTH—

Slim Schroeder, Mgr.
500 West Weatherford
Tel.: Fannin 2851

LUBBOCK—

Leon Hankins
906 Avenue "H", Tel.: 25986

WACO—

Ed Olive
Joe Holy Jr.
211 So. 4th St., Tel.: 3-7772

*CURRENT PARCEL POST RATES

Wt. Lbs.	Miles from Branch			Wt. Lbs.	Miles from Branch		
	to 150	151- 300	301- 600		to 150	151- 300	301- 600
1	\$0.17	\$0.17	\$0.19	36	\$1.01	\$1.40	\$1.86
2	.20	.21	.24	37	1.04	1.43	1.90
3	.22	.24	.29	38	1.06	1.47	1.95
4	.25	.28	.34	39	1.09	1.50	2.00
5	.27	.31	.38	40	1.11	1.54	2.05
6	.29	.35	.43	41	1.13	1.57	2.09
7	.32	.38	.48	42	1.16	1.61	2.14
8	.34	.42	.53	43	1.18	1.64	2.19
9	.37	.45	.57	44	1.21	1.68	2.24
10	.39	.49	.62	45	1.23	1.71	2.28
11	.41	.52	.67	46	1.25	1.75	2.33
12	.44	.56	.72	47	1.28	1.78	2.38
13	.46	.59	.76	48	1.30	1.82	2.43
14	.49	.63	.81	49	1.33	1.85	2.47
15	.51	.66	.86	50	1.35	1.89	2.52
16	.53	.70	.91	51	1.37	1.92	2.57
17	.56	.73	.95	52	1.40	1.96	2.62
18	.58	.77	1.00	53	1.42	1.99	2.66
19	.61	.80	1.05	54	1.45	2.03	2.71
20	.63	.84	1.10	55	1.47	2.06	2.76
21	.65	.87	1.14	56	1.49	2.10	2.81
22	.68	.91	1.19	57	1.52	2.13	2.85
23	.70	.94	1.24	58	1.54	2.17	2.90
24	.73	.98	1.29	59	1.57	2.20	2.95
25	.75	1.01	1.33	60	1.59	2.24	3.00
26	.77	1.05	1.38	61	1.61	2.27	3.04
27	.80	1.08	1.43	62	1.64	2.31	3.09
28	.82	1.12	1.48	63	1.66	2.34	3.14
29	.85	1.15	1.52	64	1.69	2.38	3.19
30	.87	1.19	1.57	65	1.71	2.41	3.23
31	.89	1.22	1.62	66	1.73	2.45	3.28
32	.92	1.26	1.67	67	1.76	2.48	3.33
33	.94	1.29	1.71	68	1.78	2.52	3.38
34	.97	1.33	1.76	69	1.81	2.55	3.42
35	.99	1.36	1.81	70	1.83	2.59	3.47

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3 Easy Ways To Buy From Tractor Supply!

COUNTER SALES Whenever possible, visit your Tractor Supply Farm Store. You will not only see all the merchandise listed in this catalog on display, but you will receive helpful service from our trained store personnel.

MAIL ORDERS We offer you a Specialized Mail Order Service through our Warehouse Star ★ Stores. It is the next best thing to visiting us in person. Orders are filled quickly and accurately—on their way to you in the minimum amount of time.

TELEPHONE ORDERS Our emergency Order Depts. are always ready to be of service to you in the event of a tractor or implement breakdown. Phone or wire your order. It will be filled quickly and shipped C.O.D. the fastest way.

OUR PREPAYMENT PLAN

*We Prepay \$50.00 Shipments Anywhere in the United States. Large mail orders make possible an extra saving in both handling and packing—a saving that we pass back to you.

This Is How You Qualify for Prepayment of Orders:

- *The total cost of items ordered must be \$50.00 or more. (This DOES NOT INCLUDE items marked F.O.B. Factory or F.O.B. Nearest Store.)
- Enclose full remittance with order, including sales tax where applicable.
- Allow us to choose the most economical way to ship your order. If you request shipment by special means, such as parcel post when freight would be less expensive, we will allow you the amount of freight rate only. You must pay for the shipping rate you request.

ALL ORDERS SHIPPED THE SAME DAY RECEIVED

OUR GUARANTEE of SATISFACTION

We Guarantee Every Item We Sell!

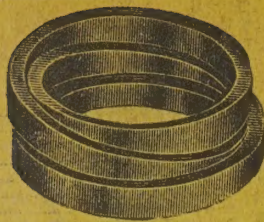
We Guarantee Precision Parts to be equal to, or better than, the parts they replace.

We Guarantee Trasco Farm Equipment to be made of the highest quality materials and workmanship and to be capable of performing the farm jobs described.

We Guarantee to Satisfy You on Each Transaction. If for any reason you are not satisfied, you are entitled to full and immediate replacement of merchandise or refund of purchase price. We make no "Service Charge" on exchanges or refunds. All we ask is that you return the merchandise within a reasonable length of time.

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You Save When You Buy From TRACTOR SUPPLY



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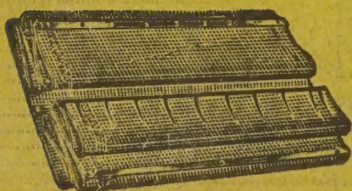
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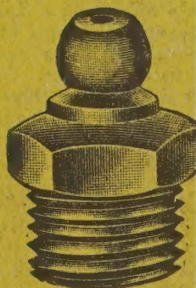
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